

Parts Manual



2006 Rapid Series Riding Mower & Mower Deck

17HP Product

Mfg. No.	Description
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1694374	2006 Rapid, 17HP Hydro (CE/Export)
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2690070	2006 Rapid, 17HP Hydro and 40" Mower Deck (CE/Export)
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Mower Decks

Mfg. No.	Description
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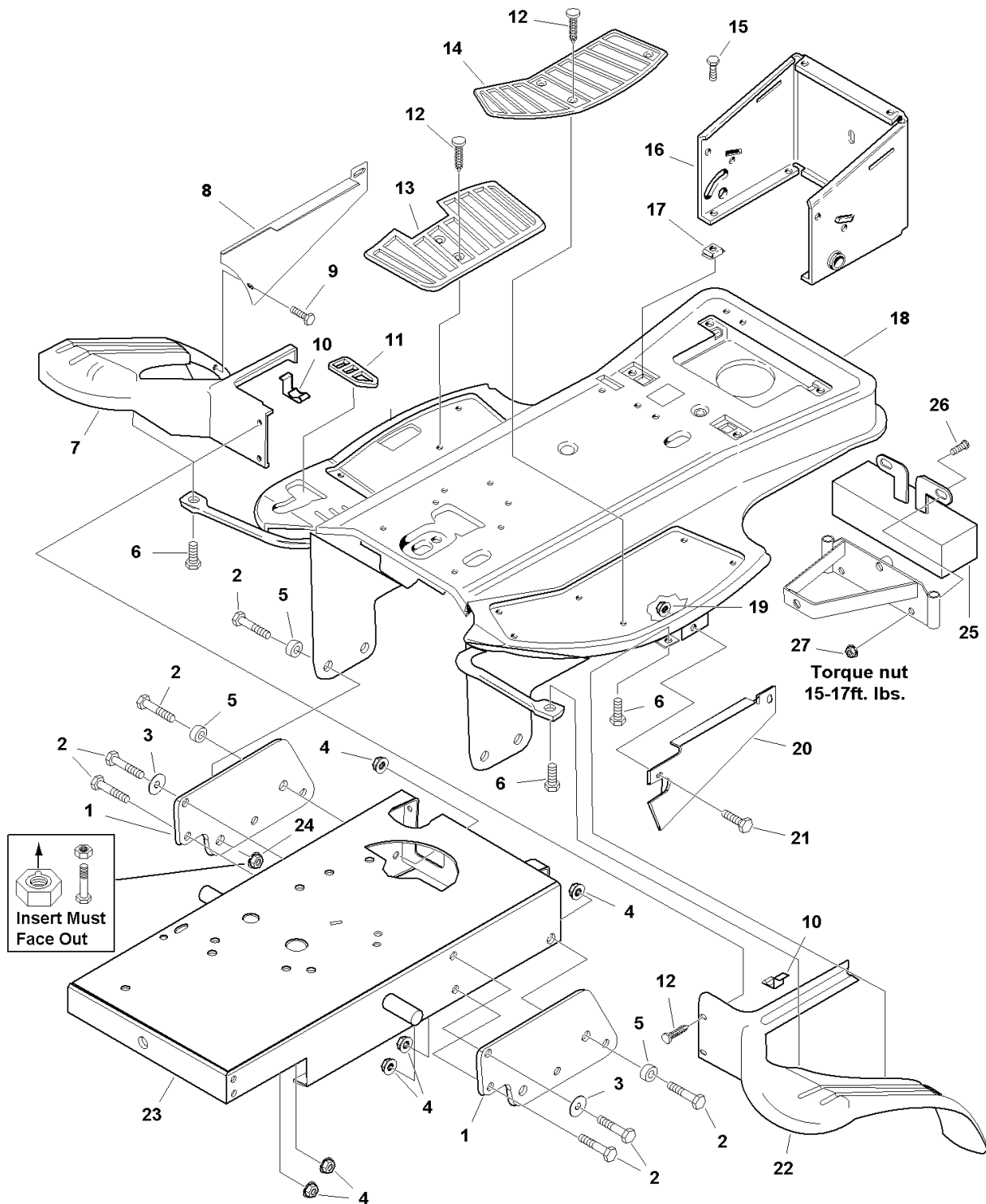
1694345	40" Mower Deck (CE/Export)
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Frame Group

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

985955



The above parts group applies to the following Mfg. Nos.:

1694374 - 2006 Rapid

2690070 - 2006 Rapid

Frame Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	1722359ASM	2	PLATE, Pivot
2	1920415SM	8	CAPSCREW, Hex Head, 3/8-16 x 1-1/4, Black
3	1960071SM	2	WASHER, 3/8, Black
4	1928352SM	6	NUT, Hex Flange Lock, Black
5	2154177SM	4	SPACER
6	1931648SM	6	CAPSCREW, Hex Head, Flange Lock, 5/16-18 x 1/2, Black
7	1723144SM	1	SHROUD, Wheel, RH
8	1723290ASM	1	SKIRT, Side, RH
9	1960001SM	2	CAPSCREW, Hex Washer Head, Plastite, # 10-14 x 5/8, Black
10	1723691SM	2	CLIP, Shroud
11	1715015SM	1	PLUG, Hole
12	1704351SM	14	FASTENER, Panel
13	1714418SM	1	PAD, Footrest, RH
14	1714417SM	1	PAD, Footrest, LH
15	1930591SM	4	CAPSCREW, Hex Head Whiz Lock, 5/16-18 x 3/4, Black
16	1722453ASM	1	WRAPPER, Rear Frame
17	1935255SM	4	NUT, Speed, Lug, 5/16-18
18	1722514ASM	1	FRAME ASSEMBLY, Rear
19	1960294SM	1	NUT, Hex, Flange, 1/4-20, Black
20	1723289ASM	1	SKIRT, Side, LH
21	1924009SM	1	CAPSCREW, Hex Head, 1/4-20 x 7/8, Black
22	1723145SM	1	SHROUD, Wheel, LH
23	1722494ASM	1	FRAME ASEMBLY, Transmission
24	2860681SM	2	NUT, Hex Lock Aluminum Insert, 3/8-16
25	1723873ASM	1	WEIGHT & TAB ASSEMBLY, 75 lbs.
26	1931335SM	2	CARRIAGE BOLT, 5/16-18 x 1
27	1927557SM	2	NUT, Hex, Flange Whiz Lock, 5/16-18

Footnotes

The above parts group applies to the following Mfg. Nos.:

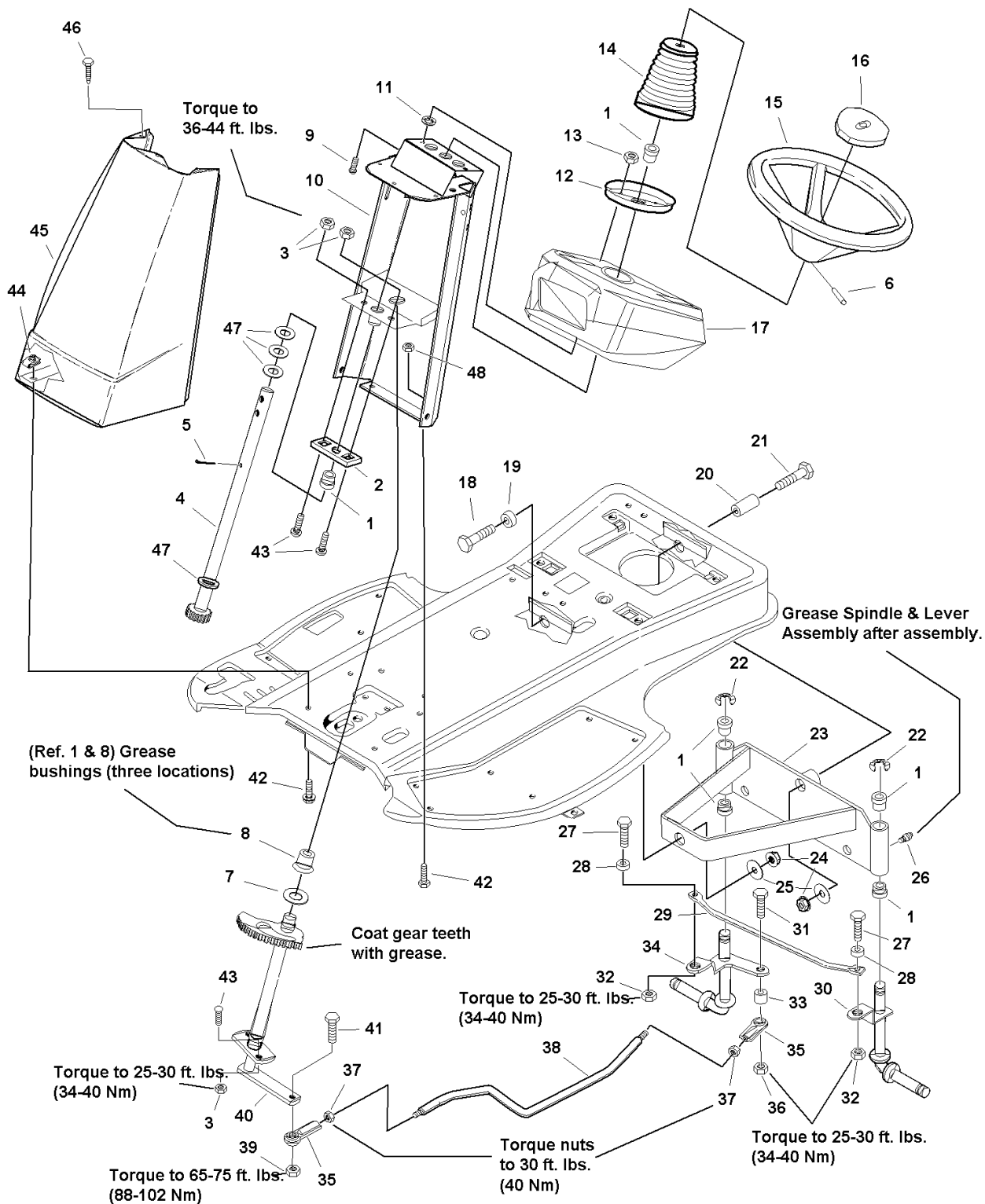
1694374 - 2006 Rapid

2690070 - 2006 Rapid

Steering Group

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

985951



The above parts group applies to the following Mfg. Nos.:

1694374 - 2006 Rapid
2690070 - 2006 Rapid

Steering Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	2176440SM	6	BUSHING, Nylon
2	1703508ASM	1	PLATE, Mounting
3	1928352SM	4	NUT, Hex Flange Whiz Lock, 3/8-16, Black
4	1722495SM	1	SHAFT & PINION ASSEMBLY
5	1919314SM	1	PIN, Cotter, Black
6	1960540SM	1	PIN, Spring, 5/16 x 2-1/2, Black
7	2860202SM	1	WASHER, 3/4
8	1666001SM	1	BUSHING, Metal
9	1931317SM	2	CARRIAGE BOLT, 1/4-20 x 3/4
10	1722497ASM	1	SUPPORT ASSEMBLY
11	1960518SM	2	NUT, Push, 1/4, Black
12	1721736ASM	1	PLATE, Mounting
13	2828732	2	NUT, Hex KEPS, 1/4-20, Black
14	1722749SM	1	COVER, Black Rubber
15	1722738SM	1	STEERING WHEEL
16	1722319SM	1	CAP, Steering Wheel
17	1723111SM	1	DASHBOARD
18	1921525SM	1	CAPSCREW, Hex Head, 1/2-13 x 1-3/4, Black
19	2105386SM	1	SPACER
20	1723129SM	1	SPACER
21	1960245SM	1	CAPSCREW, Hex Head, 1/2-13 x 3, Black
22	1611710SM	2	RING, Klip, External 3/4, Black
23	1724616SM	1	AXLE ASSEMBLY,w/Bushings & Lube Fitting
24	1960355SM	2	NUT, Hex Lock ESNA Heavy, 1/2-13, Black
25	1918431SM	2	WASHER, 1/2, Black
26	2821133SM	3	FITTING, Lube
27	1921210SM	2	CAPSCREW, Hex Head, 3/8-16 x 1, Black
28	1611705SM	2	SPACER, Powder Metal
29	1722387SM	1	ROD, Tie
30	1677131ASM	1	SPINDLE & LEVER ASSEMBLY, RH (Lancer LH)
31	1921969SM	1	CAPSCREW, Hex Head, 3/8-16 1-1/2
32	1960339SM	2	NUT, Hex Flange Lock, 3/8-16, Black
33	1708236SM	1	SPACER
34	1677133ASM	1	SPINDLE & LEVER ASSEMBLY, LH (Lancer RH)
35	1702779SM	2	BALL JOINT
36	1930645SM	1	NUT, Hex Flange Lock, 3/8-16, Black
37	1919262SM	2	NUT, Hex Head, 1/2-20, Black
38	1722504SM	1	DRAG LINK
39	1930644SM	1	NUT, Hex Flange Two Way Lock, 1/2-13, Black
40	1724793ASM	1	SHAFT & GEAR ASSEMBLY
41	1920328SM	1	CAPSCREW, Hex Head, 1/2-13 x 1-1/2, Black
42	1930591SM	2	CAPSCREW, Hex Head, 5/16-18 x 3/4

Footnotes

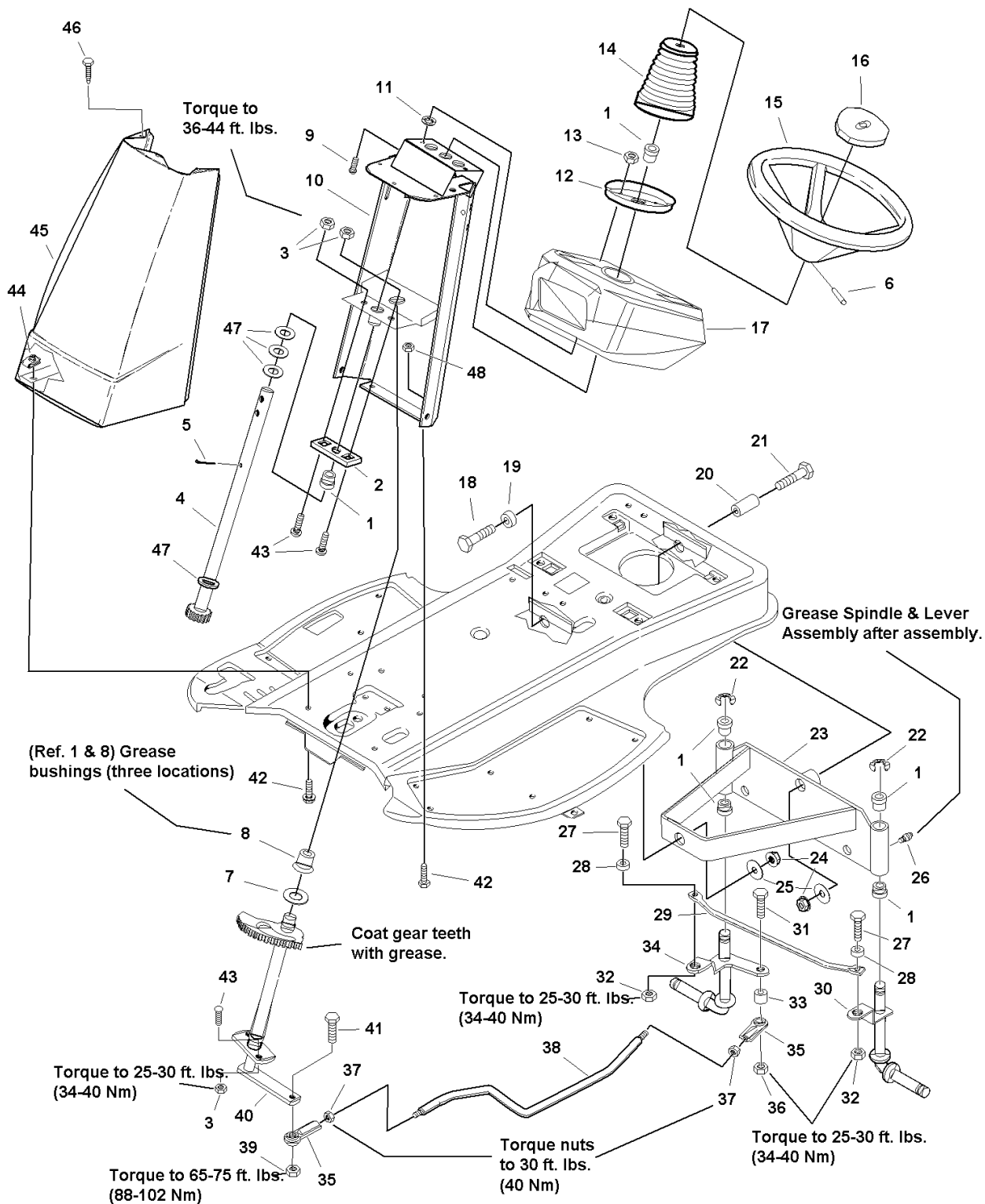
The above parts group applies to the following Mfg. Nos.:

1694374 - 2006 Rapid
2690070 - 2006 Rapid

Steering Group

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

985951



The above parts group applies to the following Mfg. Nos.:

1694374 - 2006 Rapid
2690070 - 2006 Rapid

Steering Group

REF NO	PART NO.	QTY.	DESCRIPTION
45	1715998CSM	1	SHROUD, Steering
46	1927429SM	3	CAPSCREW, Hex Head, 1/4-20 x 5/8, Black
47	1960114SM	4	WASHER, 3/4, Black
48	1927557SM	2	NUT, Hex Flange Lock, 5/16-18, Black

Footnotes

The above parts group applies to the following Mfg. Nos.:

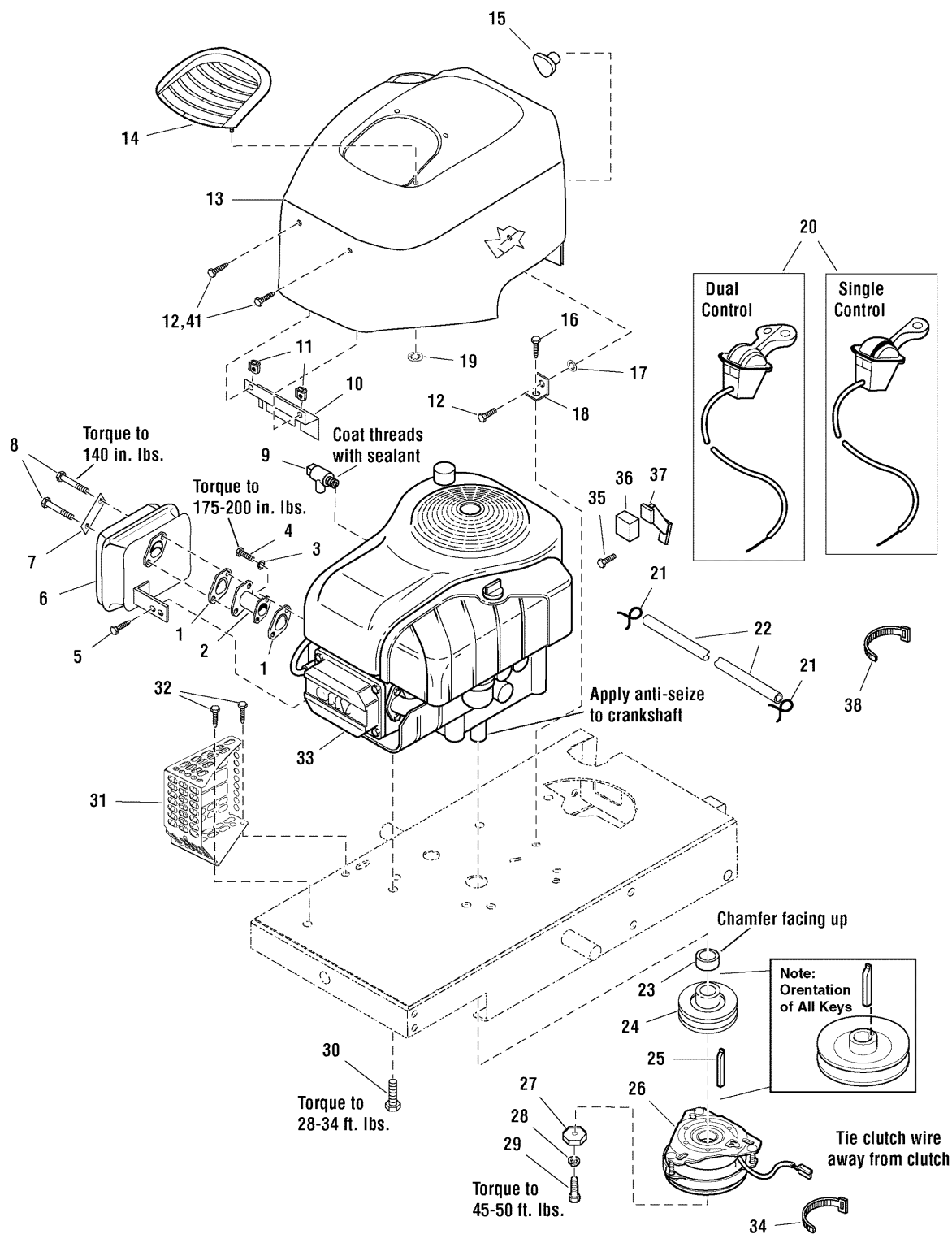
1694374 - 2006 Rapid

2690070 - 2006 Rapid

Engine & Electric Clutch - 15HP & 17HP Briggs & Stratton

985948

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.



The above parts group applies to the following Mfg. Nos.:

1694374 - 2006 Rapid
2690070 - 2006 Rapid

Engine & Electric Clutch - 15HP & 17HP Briggs & Stratton

REF NO	PART NO.	QTY.	DESCRIPTION
1	*	2	GASKET, Exhaust
2	1723468SM	1	ADAPTER, Muffler
3	1917356SM	2	LOCKWASHER, 5/16
4	1936228SM	2	CAPSCREW, Hex Socket Head, 5/16-18 x 3/4
5	1927429SM	1	CAPSCREW, Hex Washer Head, Taptite, 1/4-20 x 5/8
6	1723469SM	1	MUFFLER
7	*	1	LOCK, Screw
8	*	2	CAPSCREW
9	1708405SM	1	VALVE, Shut Off
10	1723298A	1	BRACKET, Engine Cover
11	1926018SM	2	NUT, Speed, 1/4-20
12	1930594SM	3 / 1	CAPSCREW, Hex Head, Whiz Lock, 1/4-20 x 3/4 * Export / Domestic
13	1723113SM	1	COVER, Engine
14	1722111SM	1	SCOOP, Hood
15	1713855SM	1	KNOB, 3 Sided Soft Plastic
16	1930601SM	1	CAPSCREW, Hex Washer Head, Taptite, 5/16-18 x 5/8
17	1960518SM	1	PUSH NUT, 1/4
18	1668500A	1	BRACKET
19	1933988SM	4	PUSH NUT, 5/16
20	1724012SM	1	CONTROL, Throttle, Dual, W/Knob
20	1722955SM	1	CONTROL, Throttle, Single, W/Knob
21	2860112SM	2	CLAMP, Hose
22	1718678SM	1	HOSE, Fuel
23	1723390SM	1	SPACER
24	1713187SM	1	PULLEY & HUB ASSEMBLY
25	2105337SM	1	KEY, Hi Pro, 1/4 x 2
26	1686883SM	1	CLUTCH, Electric
27	1708264SM	1	WASHER, Hex
28	1918199SM	1	LOCKWASHER, 7/16
29	1960649SM	1	CAPSCREW, Hex Head, 7/16-20 x 3-1/2
30	2830598SM	4	CAPSCREW, Hex Washer Head, Taptite, 3/8-16 x 1-1/2
31	1723476A	1	HEAT SHIELD, Muffler
32	1664847SM	2	CAPSCREW, Hex Washer Head, Taptite, 5/16-18 x 3/4
33	*	1	ENGINE, 15HP Briggs & Stratton Intek, Model 31F777, Type 0111
33	*	1	ENGINE, 17HP Briggs & Stratton Intek, Model 31F770, Type 0110
34	2832747SM	1	TIE, Self Locking, 3-5/8" Long
35	2860661SM	1	SCREW, Flat Head, #6 x 5/8, (Export Only)
36	1723949SM	1	PAD, Rubber, (Export Only)
37	1708442SM	1	STOP, Throttle, (Export Only)
38	1701011SM	1	TIE, Self Locking, 7-5/16" Long
41	1935023SM	0 / 2	SCREW, Double Wing 1/4-20 x 5/8 * Export / Domestic

Footnotes

Note* See your local Briggs & Stratton distributor for parts and service.

The above parts group applies to the following Mfg. Nos.:

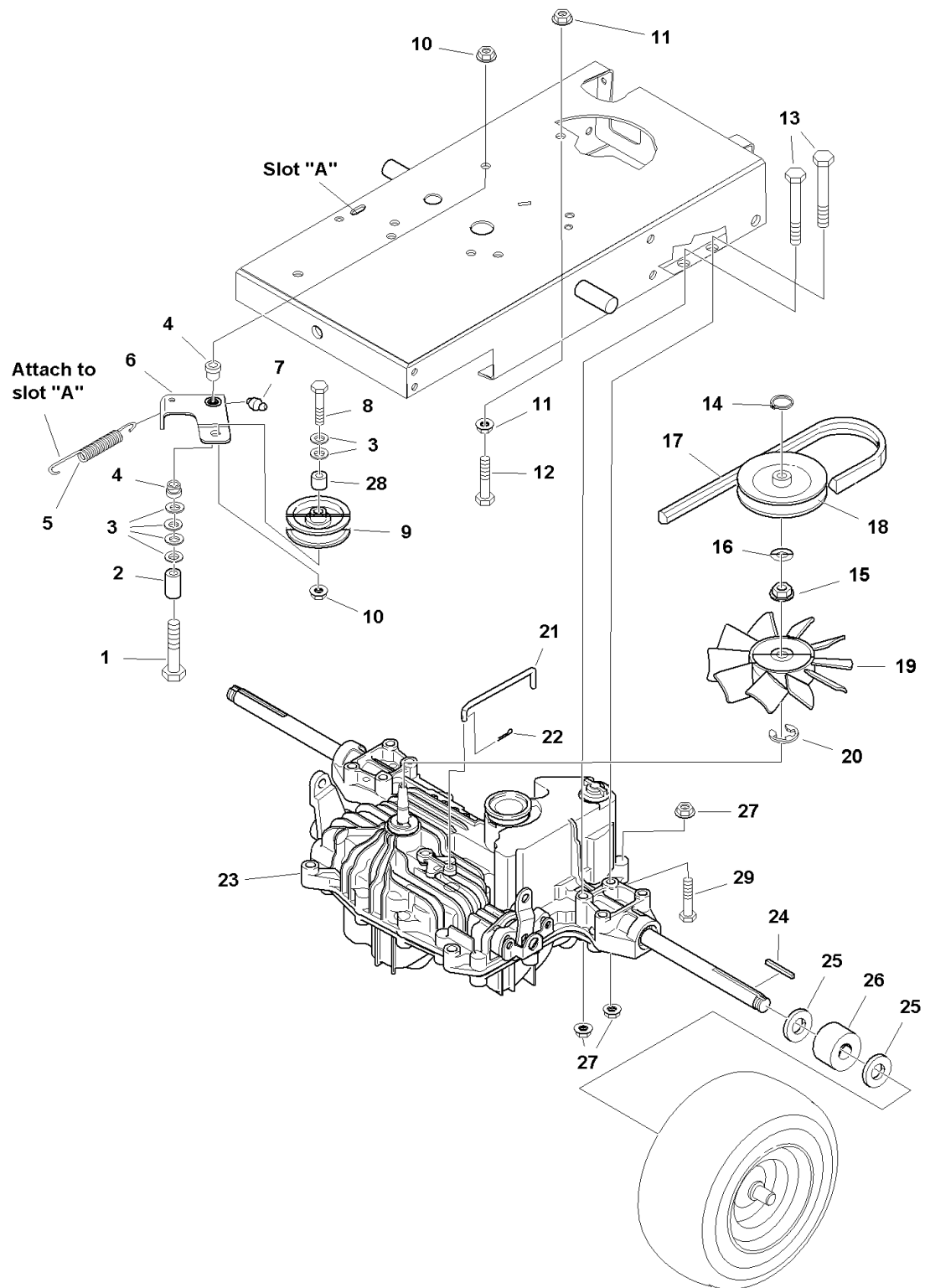
1694374 - 2006 Rapid

2690070 - 2006 Rapid

Transmission Group

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

985949



The above parts group applies to the following Mfg. Nos.:

1694374 - 2006 Rapid

2690070 - 2006 Rapid

Transmission Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	1923701SM	1	CAPSCREW, Hex Head, 3/8-16 x 2, Black
2	1674669SM	1	SPACER
3	1924940SM	7	WASHER, 3/8, Black
4	1676148SM	2	BUSHING
5	1725250SM	1	SPRING, Extension, 7-3/4" Long
6	1722969ASM	1	ARM ASSEMBLY
7	2812808SM	1	FITTING, Lube
8	1921969SM	1	CAPSCREW, Hex Head, 3/8-16 x 1-1/2, Black
9	1724387SM	1	PULLEY, Idler, 3-1/4
10	1960339SM	2	NUT, Hex Flange Lock, 3/8-16, Black
11	1927557SM	2	NUT, Hex Flange Lock, 5/16-18, Black
12	1921978SM	1	CAPSCREW, Hex Head 5/16-18 x 2 G5
13	1921719SM	6	CAPSCREW, Hex Head, 5/16-18 x 2-1/2, Black
14	1724316SM	2	SNAP RING
15	1724312SM	2	SPLINE COLAR
16	1723415SM	1	LOCKWASHER
17	1715128SM	1	V-BELT
18	1724313SM	1	PULLEY
19	1724314SM	1	FAN
20	1718076SM	1	"E" RING
21	1723161SM	1	ROD, Hydro Bypass
22	1923360SM	1	PIN, Cotter
23	1721022SM	1	TRANSMISSION ASSEMBLY, Foot Control, K46Q
24	1717749SM	2	KEY, Parallel
25	2860202SM	4	WASHER, 3/4
26	1723820SM	2	SPACER
27	1935048SM	7	NUT, Hex Flange Lock, 5/16-18
28	1666294SM	1	SPACER
29	1960585SM	1	CAPSCREW, Hex Head, 5/16-18 x 1-3/4

Footnotes

The above parts group applies to the following Mfg. Nos.:

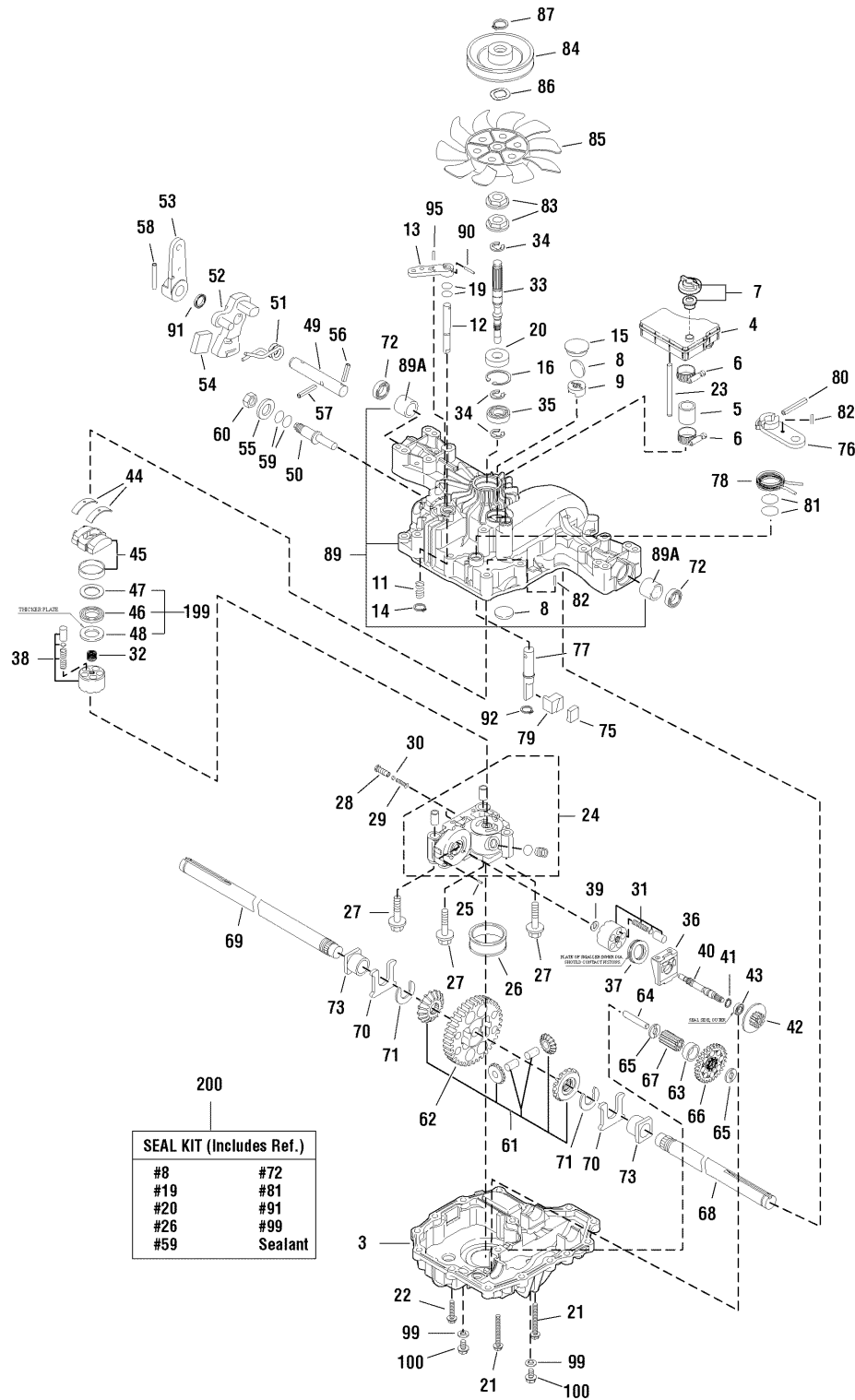
1694374 - 2006 Rapid

2690070 - 2006 Rapid

Transmission SERVICE PARTS - Tuff Torq K-46Q

1721022

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.



The above parts group applies to the following Mfg. Nos.:

1694374 - 2006 Rapid

2690070 - 2006 Rapid

Transmission SERVICE PARTS - Tuff Torq K-46Q

REF NO	PART NO.	QTY.	DESCRIPTION
3	1724278SM	1	LOWER HOUSING
4	1731981SM	1	RESERVOIR TANK
5	1724335SM	1	TUBE
6	1724336SM	2	MINIATURE CLAMP
7	1718052SM	1	VENT VALVE
8	1724279SM	2	MAGNET
9	1724337SM	1	HOLDER, MAGNET
11	1725730SM	1	SPRING
12	1724338SM	1	SHAFT, Bypass
13	1720418SM	1	LEVER, Bypass
14	1718061SM	1	RING
15	1724282SM	1	SEALING CAP
16	1708650SM	1	RING, Snap
19	1708691SM	2	"O" RING
20	1708651SM	1	SEAL
21	1707789SM	14	SCREW, Tapping
22	1724284SM	2	TAPPING SCREW
23	1724339SM	1	SUPPORT
24	1724340SM	1	CENTER CASE, Complete
25	1718070SM	1	PIN
26	1724341SM	1	FILTER K55
27	1720805SM	3	BOLT
28	1724286SM	2	IDS VALVE
29	1724287SM	2	IDS SPRING
30	1724288SM	2	BALL, 3/16
31	1718079SM	1	CYLINDER BLOCK
32	1724290SM	1	SPRING, Pump
33	1724291SM	1	PUMP SHAFT
34	1718076SM	3	RING, "E"
35	1718083SM	1	BEARING
36	1718077SM	1	HOUSING
37	1718078SM	1	BEARING
38	1725831SM	1	CYLINDER BLOCK
39	1718084SM	1	WASHER
40	1724293SM	1	SHAFT MOTOR
41	1708672SM	1	RING, Snap
42	1724294SM	1	MOTOR GEAR
43	1718083SM	1	BEARING
44	1724342SM	2	THRUST METAL
45	1720426SM	1	SWASH PLATE COMPLETE
46	1718086SM	1	BEARING
47	1718087SM	1	THRUST PLATE

Footnotes

The above parts group applies to the following Mfg. Nos.:

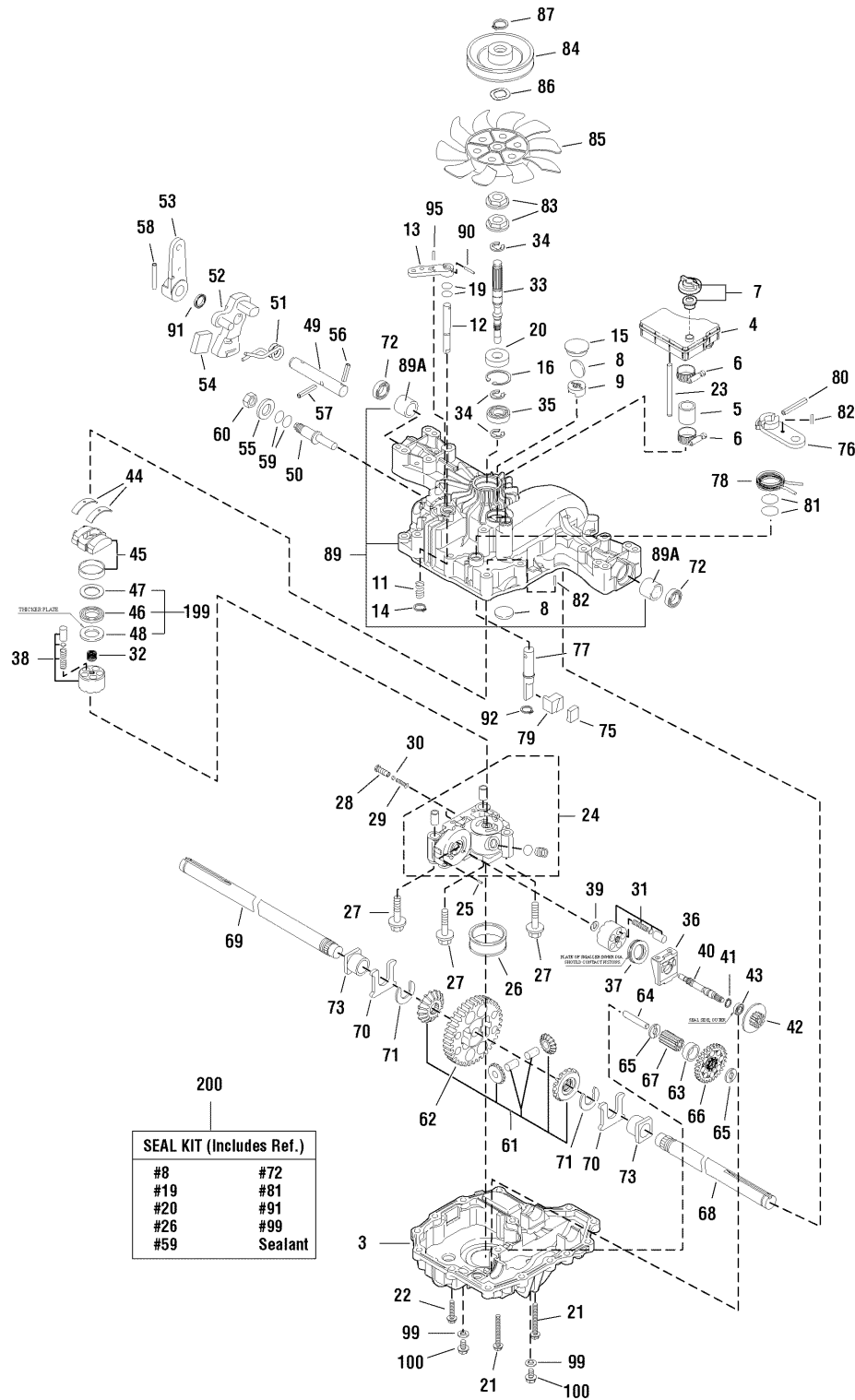
1694374 - 2006 Rapid

2690070 - 2006 Rapid

Transmission SERVICE PARTS - Tuff Torq K-46Q

1721022

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.



The above parts group applies to the following Mfg. Nos.:

1694374 - 2006 Rapid
2690070 - 2006 Rapid

Transmission SERVICE PARTS - Tuff Torq K-46Q

REF NO	PART NO.	QTY.	DESCRIPTION
50	1724344SM	1	FULCRUM, Eccentric
51	1724345SM	1	SPRING, Torsion
52	1724346SM	1	CONTROL ARM
53	1724347SM	1	CONTROL LEVER
54	1724348SM	1	JERKY PLATE
55	1708689SM	1	WASHER
56	1724349SM	1	COTTER PIN
57	1724311SM	2	PIN, SPRING
58	1718100SM	1	PIN, Roll
59	1707879SM	2	"O" RING
60	1708692SM	1	NUT
61	1724297SM	2	DIFF PINION, Kit
62	1724298SM	1	FINAL GEAR
63	1724299SM	1	COLLAR, Final
64	1724300SM	1	REDUCTION SHAFT
65	1720439SM	2	WASHER
66	1724301SM	1	REDUCTION GEAR
67	1724302SM	1	FINAL PINION
68	1724303SM	1	AXLE SHAFT, LH
69	1724304SM	1	AXLE SHAFT, RH
70	1718112SM	2	THRUST WASHER
71	1718113SM	2	RING
72	1718111SM	2	SEAL
73	1718110SM	2	BUSHING
75	1724305SM	1	SHOE, BRAKE
76	1724306SM	1	ARM, Brake
77	1724307SM	1	SHAFT, BRAKE
78	1724308SM	1	RETURN SPRING
79	1724309SM	1	ACTUATOR, Brake
80	1724310SM	1	PIN
81	1708690SM	2	"O" RING
82	1707839SM	2	PIN
83	1724312SM	2	SPLINE COLLAR
84	1724313SM	1	PULLEY
85	1724314SM	1	FAN
86	1724315SM	1	LOCK WASHER
87	1724316SM	2	SNAP RING
89	1729860SM	1	UPPER HOUSING, (Includes Ref. No. 89A)
89A	1720814SM	2	BUSHING
90	1707839SM	1	ROLL PIN
91	1724318SM	1	OIL SEAL
99	1708649SM	2	WASHER, Seal

Footnotes

The above parts group applies to the following Mfg. Nos.:

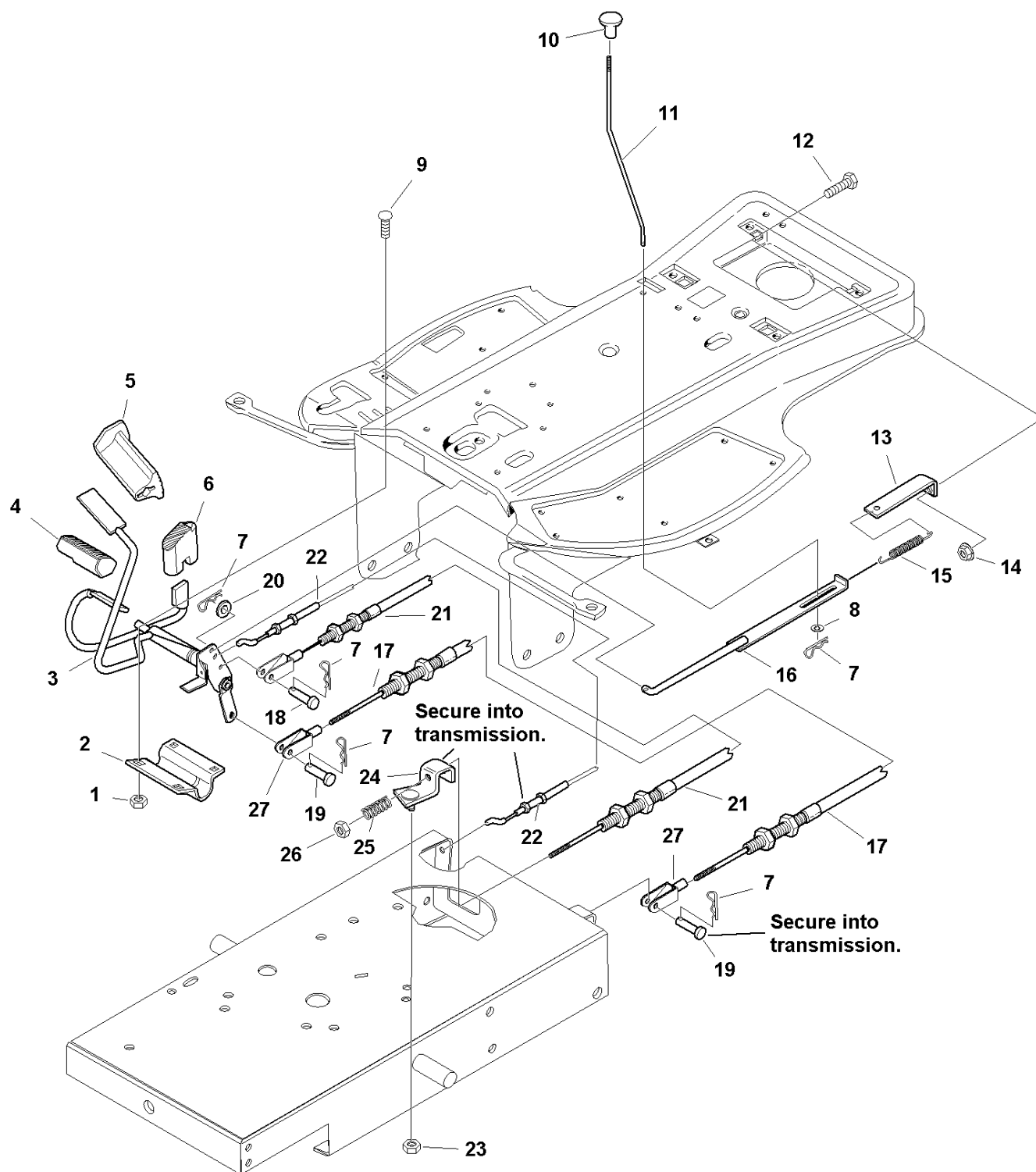
1694374 - 2006 Rapid

2690070 - 2006 Rapid

Controls Group

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

985950



The above parts group applies to the following Mfg. Nos.:

1694374 - 2006 Rapid

2690070 - 2006 Rapid

Controls Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	1919438SM	4	NUT, Hex Lock ESNA, 5/16-18, Black
2	1713784SM	1	CLAMP
3	1722524ASM	1	FOOT PEDAL & BRAKE ARM ASSEMBLY
4	1715834SM	1	PEDAL, Foot, Forward
5	1721577SM	1	PAD, Brake Pedal
6	1715835SM	1	PEDAL, Foot, Reverse
7	1960221SM	5	CLIP, Hair Pin, Black
8	1921319SM	1	WASHER, 1/4, Black
9	1931333SM	4	CARRIAGE BOLT, 5/16-18 x 3/4, Black
10	1713855SM	1	KNOB, 1/4-20 Thread
11	1714385SM	1	ROD, Parking Brake, Yellow
12	1930591SM	1	CAPSCREW, Hex Head, Whiz Lock 5/16-18 x 3/4, Black
13	1723794A	1	BRACKET
14	1931277SM	1	NUT, Hex, 5/16, Black
15	2165068SM	1	SPRING, Extension, 6-1/2" Long
16	1722529SM	1	LEVER & ROD ASSEMBLY
17	1722974SM	1	CABLE, Forward/Reverse
18	1960261SM	1	PIN, Yoke, Drilled, 1/4 x 3/4, Black
19	1711115	2	PIN, Clevis, 11/32 x 1-1/4
20	1919326SM	1	WASHER, 5/16, Black
21	1722616SM	1	CABLE, Brake Control
22	1722617SM	1	CABLE, Clutch Control
23	1935048SM	1	NUT, Hex Flange Lock, 5/16-18, Black
24	1717728SM	1	GUIDE BELT & STUD ASSEMBLY
25	1725508SM	1	SPRING, Compression
26	1960608SM	1	NUT, Hex Center Lock, 1/4-20
27	1722975SM	2	CLEVIS

Footnotes

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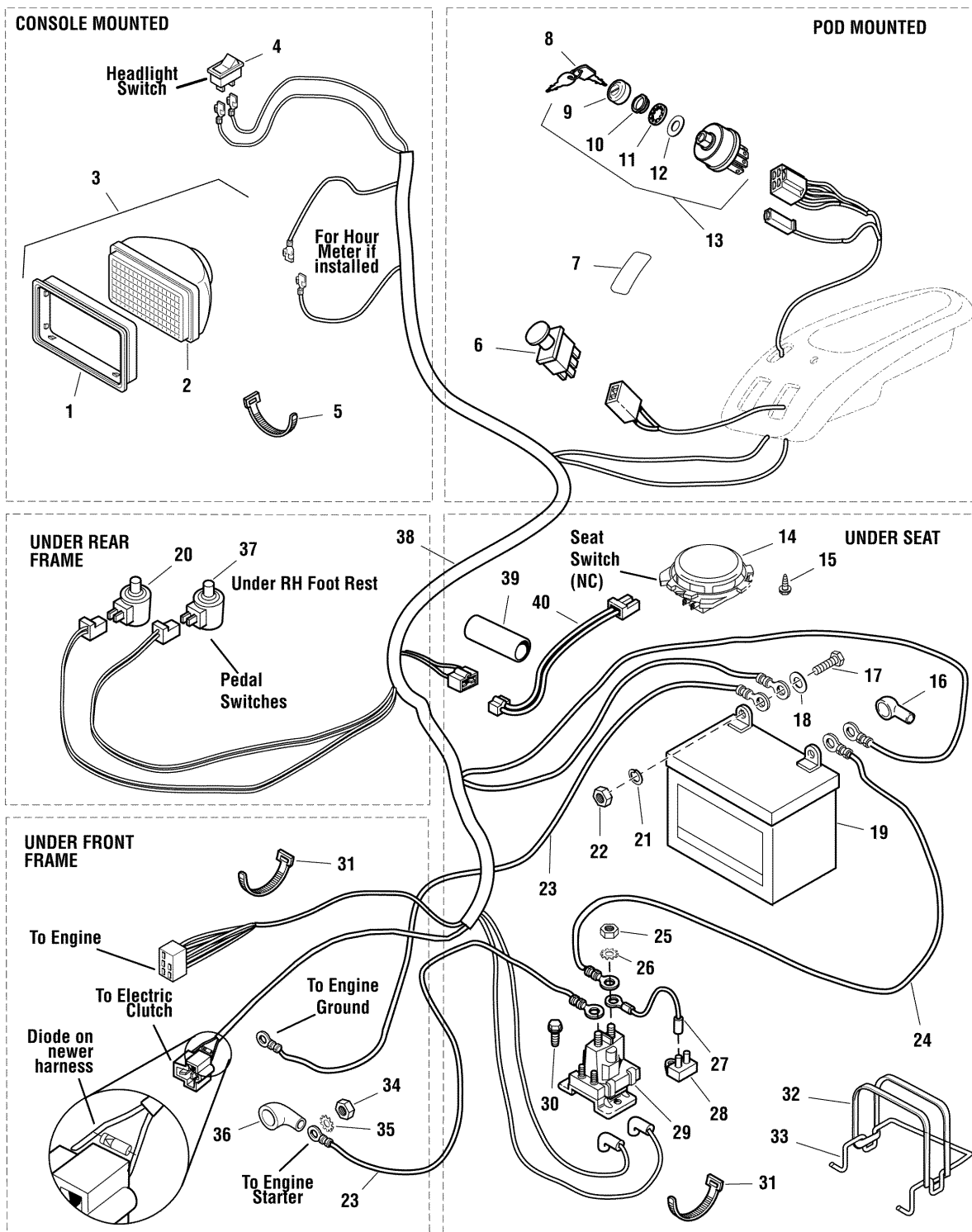
1694374 - 2006 Rapid

2690070 - 2006 Rapid

Electrical Group

985954

NOTE: Unless noted otherwise,
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specification chart.



The above parts group applies to the following Mfg. Nos.:

1694374 - 2006 Rapid

2690070 - 2006 Rapid

Electrical Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	1719227SM	1	BEZEL, Headlight
2	1719230SM	1	HEADLIGHT HOUSING
3	1719230SM	1	HEADLIGHT ASSEMBLY (Includes Ref. Nos. 1 & 2)
4	1703799SM	1	SWITCH, Rocker, Headlight
5	2832747SM	1	TIE, Self Locking, 3-5/8, Black
6	1722887SM	1	SWITCH, PTO, Push/Pull, w/Symbols
7	1709188SM	1	PLUG
8	1717163SM	2	KEYS, Ignition
9	1717550SM	1	COVER, Ignition Switch
10	1717549SM	1	NUT, Hex, 5/8-32
11	1960547SM	1	LOCKWASHER, Intrnal Tooth, 5/8, Thin, Black
12	2101025SM	1	WASHER, 5/8, Thin, Black
13	1686734SM	1	SWITCH ASSEMBLY, Ignition (Includes Ref. Nos. 8, 9, 10, 11, & 13)
14	1718981SM	1	SWITCH, Seat, NC
15	1960536SM	2	CAPSCREW, Hex Head Plastite, 1/4-20 x 1/2
16	1677296SM	1	BOOT, Insulator
17	2823341SM	2	CAPSCREW, Hex Head, 1/4-20 x 3/4
18	2821319SM	2	WASHER, 1/4
19	1685215SM	1	BATTERY, 12 Volt
20	1720401SM	1	SWITCH, Push,Grey, Pedal Switch, (Domestic Only)
21	2816964SM	2	LOCKWASHER, 1/4
22	2816622SM	3	NUT, Hex, 1/4-20
23	1703484SM	2	CABLE, # 6 x 42-1/2" Long, 2 Ring Terminals
24	1716549SM	1	CABLE, # 6 x 10" Long, 2 Ring Terminals
25	2820263SM	2	NUT, Hex, 5/16-24
26	2820426SM	2	LOCKWASHER, External Tooth, 5/16
27	1665237SM	1	WIRE, 12GA, 6" Long Red
28	1665238SM	1	BREAKER, Circuit, 12Volt, 20Amps
29	1686981SM	1	SOLENOID, 4 Pole 12Volt
30	1927429SM	2	CAPSCREW, Hex Head Taptite, 14-20 x 5/8
31	1701011SM	2	TIE, Self Locking, 7-5/16 Long, Black
32	1665872SM	1	STRAP, Black Rubber
33	1667805SM	1	BRACE, Battery
34	2816950SM	1	NUT, Hex, 3/8-16
35	2820427SM	1	LOCKWASHER, External Tooth, 3/8
36	2122023SM	1	COVER, Terminal, Red
37	1720411SM	1	SWITCH, Push, Black, Pedal Switch
38	1724903SM	1	HARNESS, Wiring
39	1715014SM	1	SHRINK TUBE
40	1715010SM	1	WIRE ASSEMBLY, 16GA, 16" Long, Black/Tan

Footnotes

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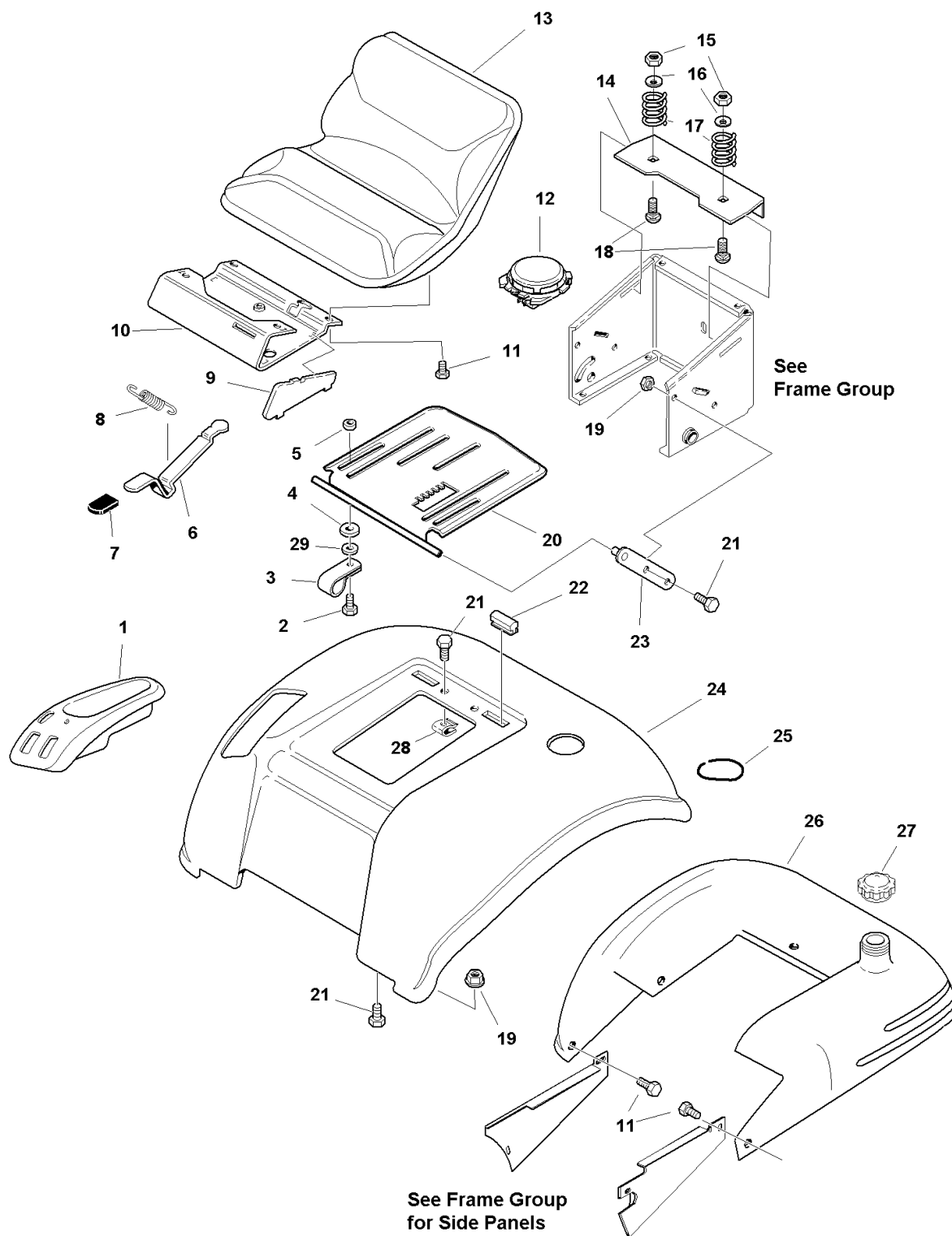
1694374 - 2006 Rapid

2690070 - 2006 Rapid

Seat Deck & Fuel Tank Group

985953

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.



The above parts group applies to the following Mfg. Nos.:

1694374 - 2006 Rapid

2690070 - 2006 Rapid

Seat Deck & Fuel Tank Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	1714542SM	1	POD, Control
2	1960086SM	3	SCREW, Torx Truss Head, 5/16-18 x 7/8, Black
3	1708008SM	1	CLAMP, Wire
4	1668681SM	3	WASHER, Curved, Special
5	1666697SM	3	SPACER
6	1713597SM	1	LEVER, Seat Latch, Black
7	1715047SM	1	CAP, Black
8	2159106SM	1	SPRING, Extension, 4-1/4 Long
9	1714318SM	2	PANEL, Side
10	1713595SM	1	SLIDE, Seat
11	1931648SM	11	CAPSCREW, Hex Head Whiz Lock, 5/16-18 x 1/2, Black
12	1718981SM	1	SEAT SWITCH, NC
13	1687020SM	1	SEAT W/Cushion & Sensitivity
14	1715768A	1	PLATE, Spring
15	1919438SM	2	NUT, Hex Lock ESNA, 5/16-18, Black
16	1709256SM	2	WASHER, Spring
17	1717051SM	2	SPRING
18	1931335SM	2	CARRIAGE BOLT, 5/16-18 x 1, Black
19	1931277SM	6	NUT, Hex Whiz Lock, 5/16-18, Black
20	1718985SM	1	PAN & ROD ASEMBLY
21	1930591SM	12	CAPSCREW, Hex Head, Whiz Lock, 5/16-18 x 3/4, Black
22	1713794SM	2	STOP, Seat
23	1713758SM	2	BAR
24	1722918CSM	1	SEAT DECK
25	1719104SM	6	MOLDING, PCV, 12-3/8" Long
26	1722904SM	1	FUEL TANK
27	1722905SM	1	CAP, Fuel
28	1935255SM	6	NUT, Speed, 5/16-18
29	1919326SM	3	WASHER, 5/16

Footnotes

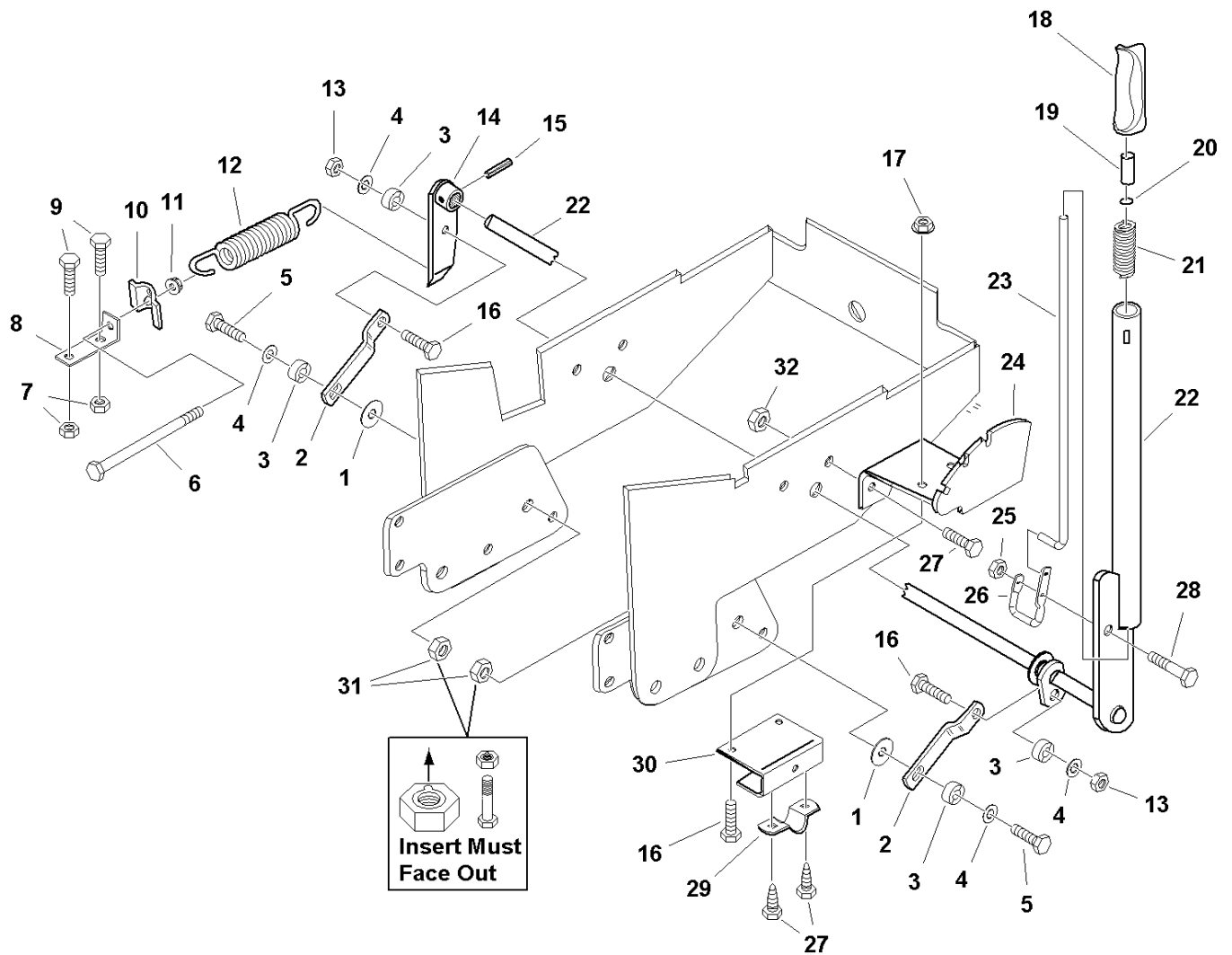
The above parts group applies to the following Mfg. Nos.:

1694374 - 2006 Rapid
2690070 - 2006 Rapid

Lift Group

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

986041



The above parts group applies to the following Mfg. Nos.:

1694374 - 2006 Rapid

2690070 - 2006 Rapid

Lift Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	1960071SM	2	WASHER, 3/8, Black
2	1723194ASM	2	LINK, Lift
3	2154177SM	4	SPACER
4	1922755SM	4	WASHER, 3/8, Black
5	1921971SM	2	CAPSCREW, Hex Head, 3/8-16 x 1-3/4, Black
6	1722357SM	1	CAPSCREW, Hex Washer Head, 5/16-18 x 4-1/2, Black
7	1917372SM	2	NUT, Hex, 5/16-18, Black
8	1723202ASM	1	ANCHOR, Spring
9	1921719SM	2	CAPSCREW, Hex Head, 5/16-18 x 2-1/2
10	1723499SM	1	RETAINER, Spring
11	1935255SM	1	NUT, Speed, 5/16-18
12	1675232SM	1	SPRING, Extension, 9" Long
13	1930645SM	4	NUT, Hex Flange Lock, 3/8-16, Black
14	1723203ASM	1	BAR & HUB ASSEMBLY
15	2815523SM	1	PIN, Spring, 5/16 x 1-1/2
16	1920415SM	4	CAPSCREW, Hex Head, 3/8-16 x 1-1/4, Black
17	1931277SM	2	NUT, Hex Flange Whiz Lock, 5/16-18, Black
18	1722291SM	1	GRIP, Lift Lever
19	1723124SM	1	BUTTON, Red
20	1960674SM	1	NUT, Push, 1/4, Black
21	1723321SM	1	SPRING, Compression, 3.85" Long
22	1723200ASM	1	HANDLE ASSEMBLY, Lift
23	1723224SM	1	ROD
24	1723285ASM	1	QUADRANT, Lift
25	1920397SM	1	NUT, Hex Lock ESNA, 1/4-20, Black
26	1720599SM	1	LATCH "U" Wire
27	1930591SM	4	CAPSCREW, Hex Head, Whiz Lock, 5/16-18 x 3/4, Black
28	1921159SM	1	CAPSCREW, Hex Head, 1/4-20 x 2-1/4, Black
29	1665374SM	1	STRAP
30	1723529ASM	1	BRACE, Support
31	2860681SM	2	NUT, Hex Lock Aluminum Insert, 3/8-16
32	1928352SM	2	NUT, Hex Whiz Lock , 3/8-16

Footnotes

The above parts group applies to the following Mfg. Nos.:

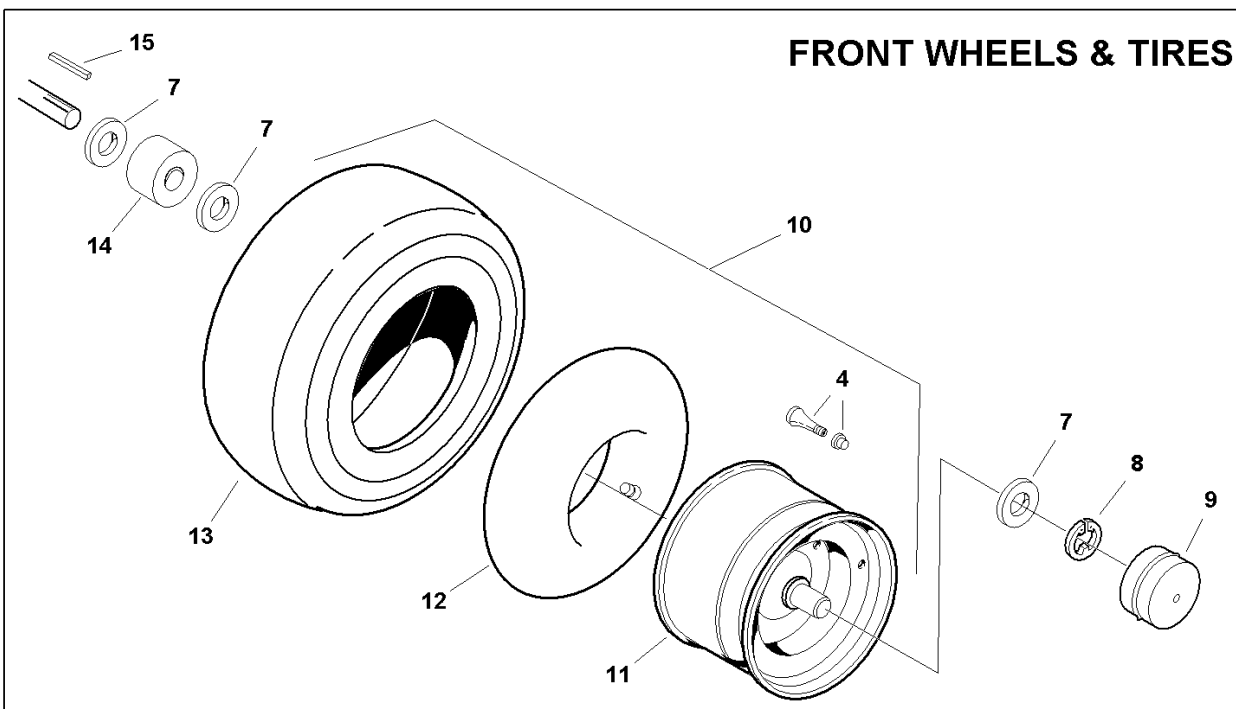
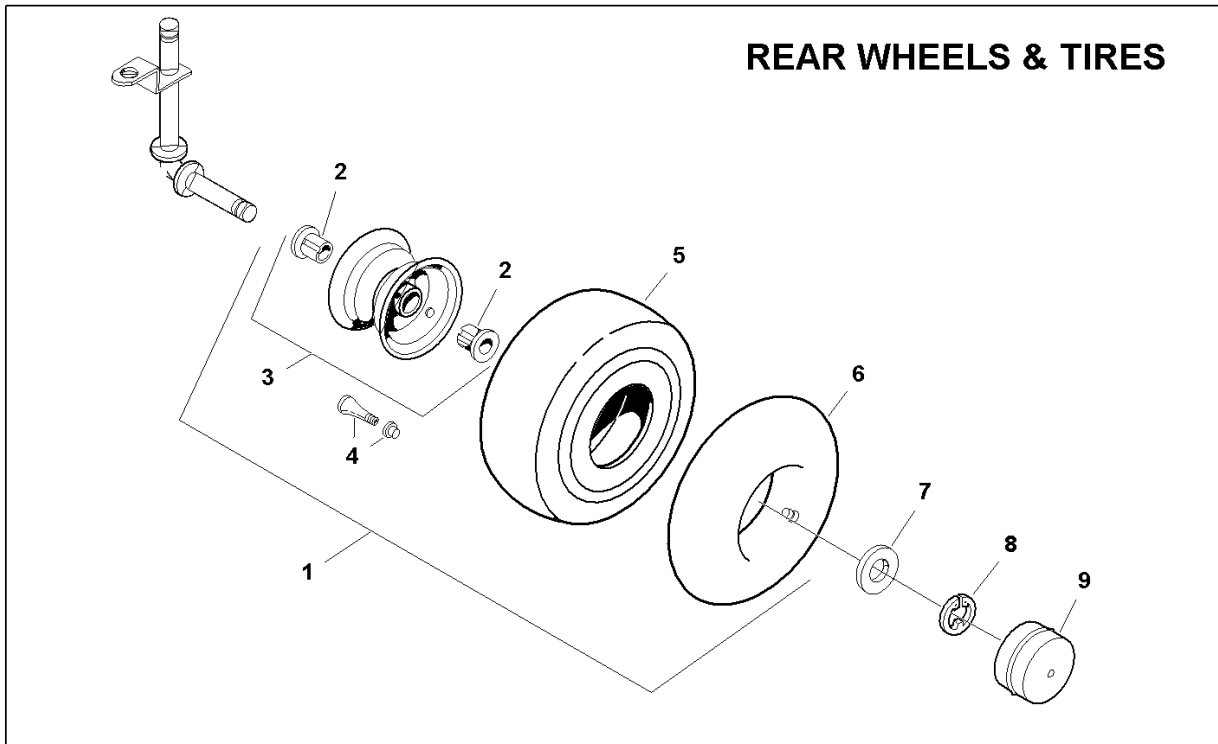
1694374 - 2006 Rapid

2690070 - 2006 Rapid

Wheels & Tires Group

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

W986265



The above parts group applies to the following Mfg. Nos.:

1694374 - 2006 Rapid

2690070 - 2006 Rapid

Wheels & Tires Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	1723227SM	2	WHEEL & TIRE ASEMBLY, Rear, (Includes Ref. Nos. 2, 3, 4, 5, & 6)
2	1713167SM	2	BEARING, Ball
3	1726301SM	1	WHEEL & BUSHINGS ASSEMBLY, (Includes Ref. No. 2)
4	2172353SM	4	VALVE STEM & CAP ASSEMBLY
5	1723777SM	1	TIRE, 15 X 6.00, 6 SUPER TURF TL
6	1664090SM	1	TUBE, Tire, 4.10/3.50, Rear
7	2860202SM	8	WASHER
8	2827794SM	4	RING, "E", External
9	1722675SM	4	CAP, Hub
10	1723228SM	2	WHEEL & TIRE ASSEMBLY, Front, (Includes Ref. Nos. 4, 11, 12, & 13)
11	1716132SM	1	WHEEL, 7.00 x 8.00
12	2164247SM	1	TUBE, Tire, 16 x 6.50
13	1723778SM	1	TIRE, 18 x 9.50, 8 SUPER TURF TL
14	1723820SM	2	SPACER
15	1726886SM	2	KEY, Parellel 3/16 x 3/16 x 2-3/4

Footnotes

The above parts group applies to the following Mfg. Nos.:

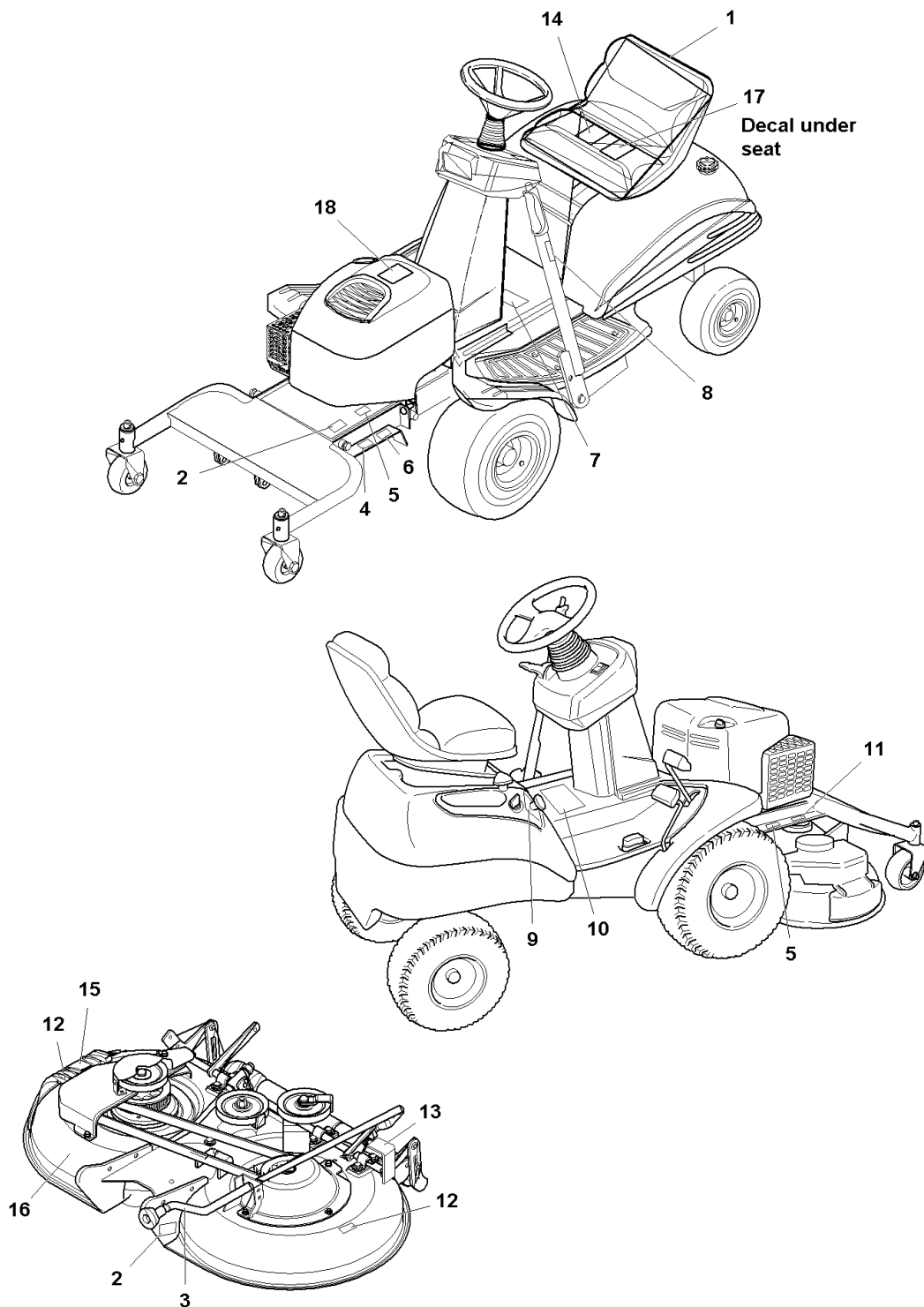
1694374 - 2006 Rapid

2690070 - 2006 Rapid

Decals - Safety & Common

C986265A

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.



The above parts group applies to the following Mfg. Nos.:

1694374 - 2006 Rapid

2690070 - 2006 Rapid

Decals - Safety & Common

REF NO	PART NO.	QTY.	DESCRIPTION
1	1708927	1	DECAL, USA Logo
2	*	2	LABEL, CE & Serial Number, Export (Not Serviced)
3	1723825SM	1	DECAL, Cutting Height Icons
4	1723786SM	1	DECAL, Belt Removal
5	1723823SM	2	DECAL, Warning Shear Point (CE/Export)
6	*	1	DECAL, Patent (Not Serviced)
7	1723160SM	1	DECAL, Transmission Release Valve
8	1723143SM	1	DECAL, Lift Lever Symbols
9	1723826SM	1	DECAL, Ignition Switch
10	1723175SM	1	DECAL, Operating Instructions, Icons (CE/Export)
11	1723824SM	1	DECAL, Caution, Read Manual
12	1720389SM	2	DECAL, Danger Rotating Blades
13	1720919SM	1	DECAL, Height of Cut, 40" (CE/Export)
14	1725072SM		DECAL, Touch Up Paint, Red
15	1704277SM	1	DECAL, Danger, Do Not Operate W/O Deflector
16	*	1	DECAL, OPEI, (Not Serviced)
17	1724379SM	1	DECAL, Belt & Blade, 56 Tooth
17	1727574SM	1	DECAL, Belt & Blade, 38 Tooth
18	1723071SM	1	DECAL, 17 HP Intek, Briggs & Stratton

Footnotes

Note* Not a service Part.

The above parts group applies to the following Mfg. Nos.:

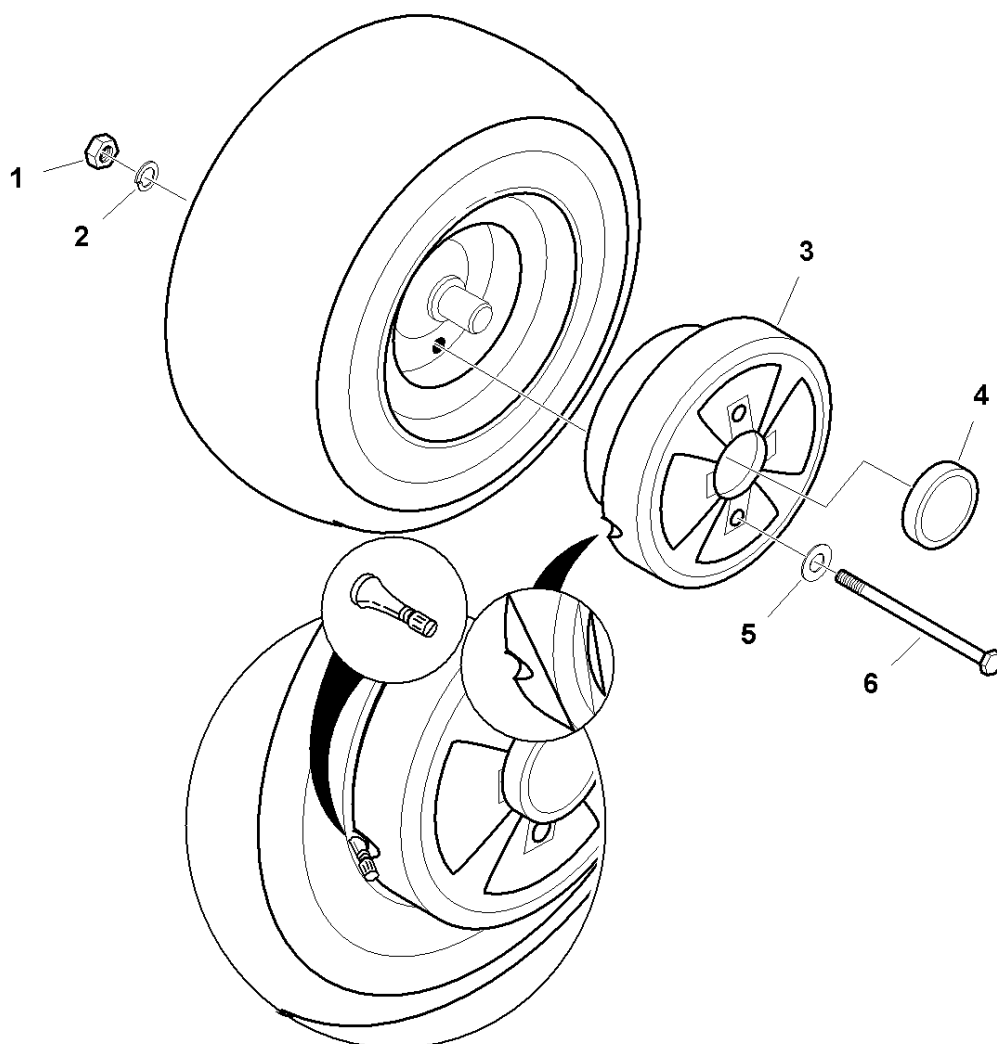
1694374 - 2006 Rapid

2690070 - 2006 Rapid

1694363 - Weight, Wheel

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

1694363



The above parts group applies to the following Mfg. Nos.:

1694374 - 2006 Rapid

2690070 - 2006 Rapid

1694363 - Weight, Wheel

REF NO	PART NO.	QTY.	DESCRIPTION
1	1916950SM	4	NUT, Hex, 3/8-16
2	1916965SM	4	LOCKWASHER, 3/8
3	1724450SM	2	WEIGHT, Wheel (Includes Ref. Nos. 1, 2, 4, 5 & 6)
4	N/A	2	CAP, Wheel Weight
5	1924940SM	4	WASHER, 3/8
6	1960513SM	4	CAPSCREW, Hex, 3/8-16 x 8

Footnotes

The above parts group applies to the following Mfg. Nos.:

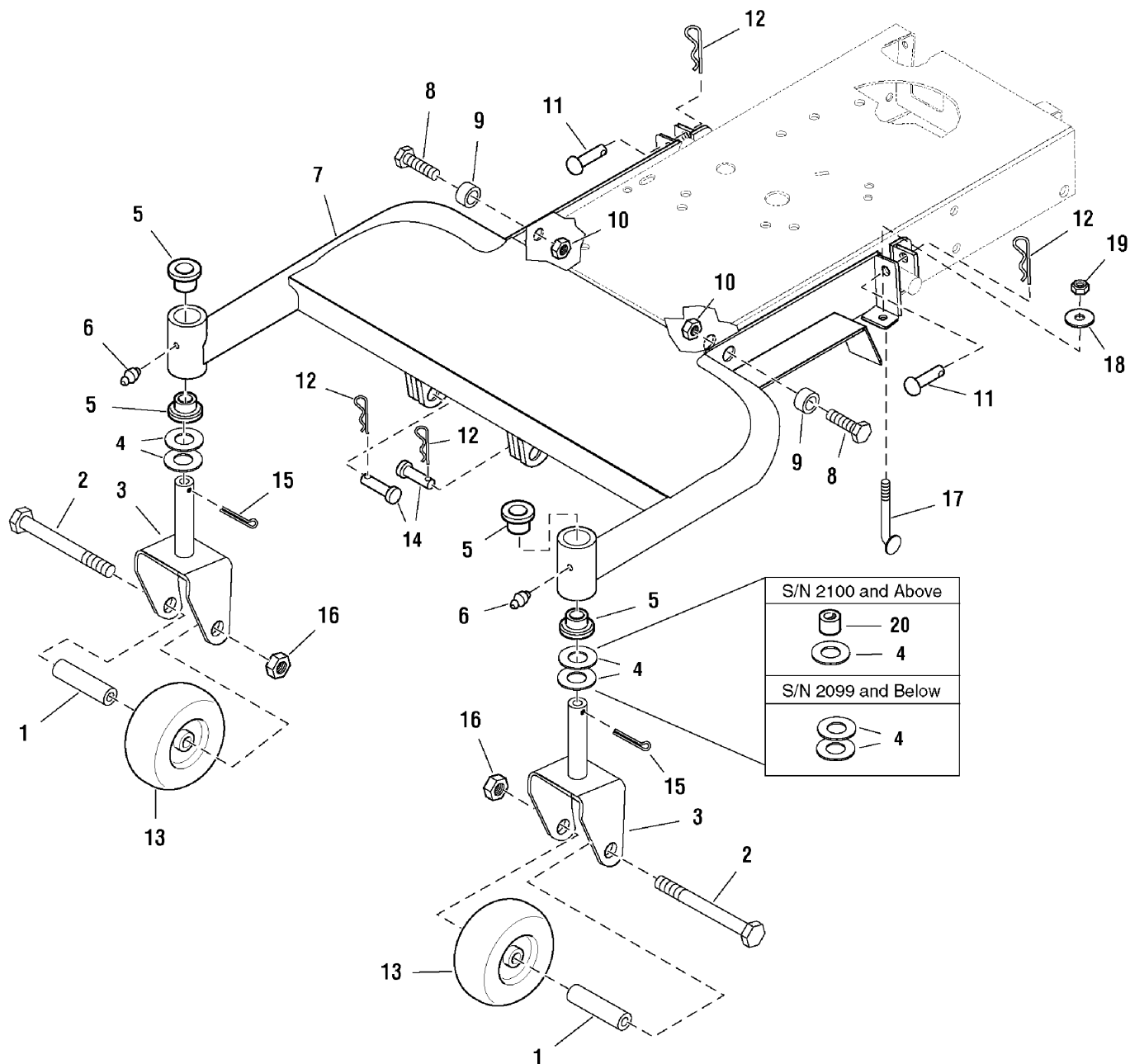
1694374 - 2006 Rapid

2690070 - 2006 Rapid

Mower Frame Group - with Height Adjustment

SL985961

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.



The above parts group applies to the following Mfg. Nos.:

1694374 - 2006 Rapid
2690070 - 2006 Rapid

Mower Frame Group - with Height Adjustment

REF NO	PART NO.	QTY.	DESCRIPTION
1	1722952SM	2	SPACER
2	1923161SM	2	CAPSCREW, Hex Head, 1/2-13 x 4-1/2, Black
3	1726385ASM	2	BRACKET & SHAFT ASSEMBLY
4	2860202SM	*4	WASHER, 3/4, Black
5	1666001SM	4	BUSHING
6	1704314SM	2	FITTING, Lube
7	1724960C	1	FRAME ASSEMBLY
7	1724960D	1	FRAME ASSEMBLY
8	1920415SM	2	CAPSCREW, Hex Head, 3/8-16 x 1-1/4, Black
9	2154177SM	2	SPACER
10	1928352SM	2	NUT, Hex Flange Lock, 3/8-16, Black
11	2118053SM	2	PIN, Round Head, Drilled, 3/8 x 2, Black
12	1960074SM	4	CLIP, Hair Pin, Black
13	1722951SM	2	WHEEL, Caster
14	1724107SM	2	PIN, Clevis, Black
15	1918452SM	2	PIN, Cotter, 1/4 x 2, Black
16	1960379SM	2	NUT, Hex Lock Light, 1/2-13, Black
17	1724959SM	2	ROD, Height Adjuster
18	1919326SM	2	WASHER
19	1919438SM	2	NUT, Hex Lock, 5/16-18
20	1725762SM	2	SPACER

Footnotes

Note* For S/N 2100 & Above use P/N 1725760C, 1725760D

Note* Only for S/N 2100 & Above

Note* S/N 2099 & Below Quantity is 4; S/N 2100 & Above Quantity is 2

The above parts group applies to the following Mfg. Nos.:

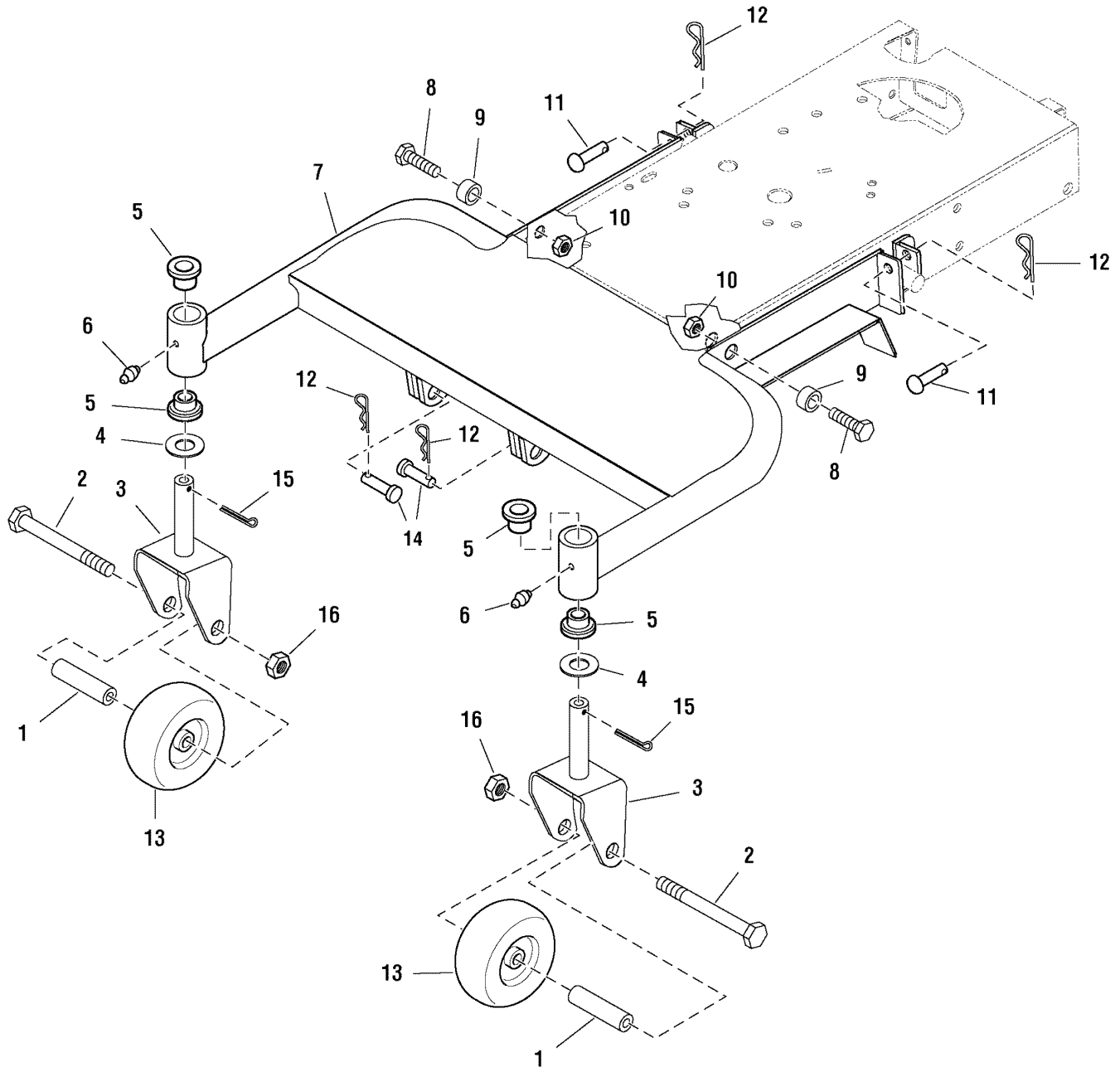
1694374 - 2006 Rapid

2690070 - 2006 Rapid

Mower Frame Group - without Height Adjustment

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.

985961



The above parts group applies to the following Mfg. Nos.:

1694374 - 2006 Rapid

2690070 - 2006 Rapid

Mower Frame Group - without Height Adjustment

REF NO	PART NO.	QTY.	DESCRIPTION
1	1722952SM	2	SPACER
2	1923161SM	2	CAPSCREW, Hex Head, 1/2-13 x 4-1/2, Black
3	1721878SM	2	BRACKET & SHAFT ASSEMBLY
4	2860202SM	2	WASHER, 3/4, Black
5	1666001SM	4	BUSHING
6	1704314SM	2	FITTING, Lube
7	1686984SM	1	FRAME ASSEMBLY
8	1920415SM	2	CAPSCREW, Hex Head, 3/8-16 x 1-1/4, Black
9	2154177SM	2	SPACER
10	1928352SM	2	NUT, Hex Flange Lock, 3/8-16, Black
11	2118053SM	2	PIN, Round Head, Drilled, 3/8 x 2, Black
12	1960074SM	4	CLIP, Hair Pin, Black
13	1722951SM	2	WHEEL, Caster
14	1724107SM	2	PIN, Clevis, Black
15	1918452SM	2	PIN, Cotter, 1/4 x 2, Black
16	1960379SM	2	NUT, Hex Lock Light, 1/2-13, Black

Footnotes

The above parts group applies to the following Mfg. Nos.:

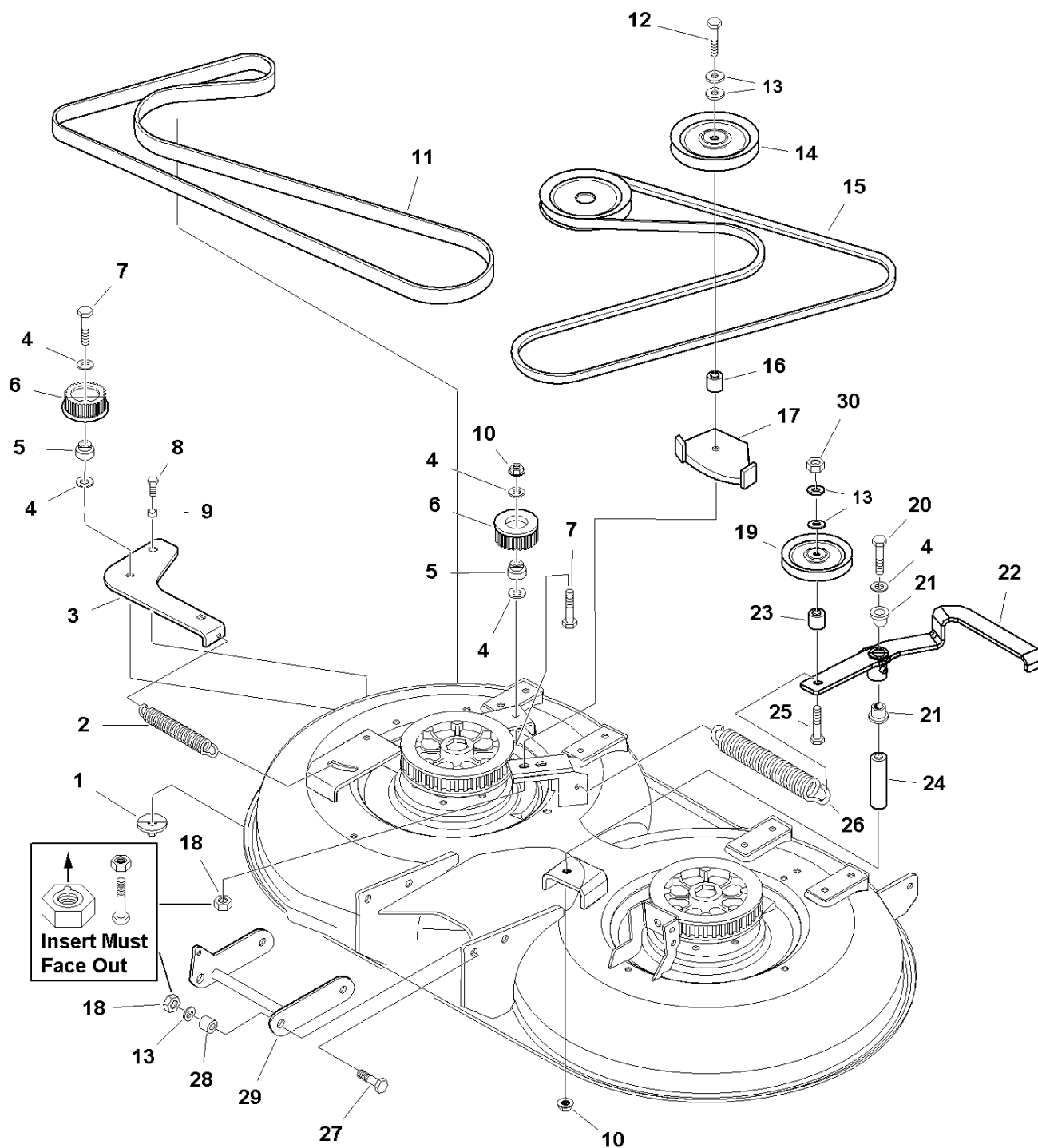
1694374 - 2006 Rapid

2690070 - 2006 Rapid

40" Mower Deck - Belt, Idler Arm & Hitch

986260

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.



The above parts group applies to the following Mfg. Nos.:

1694345 - 40" Mower
2690070 - 2006 Rapid

40" Mower Deck - Belt, Idler Arm & Hitch

REF NO	PART NO.	QTY.	DESCRIPTION
1	1721425SM	1	WASHER & LOCK NUT ASSEMBLY
2	1674671SM	1	SPRING, Extension, 3/4
3	1726387	1	ARM, Idler
4	1922755SM	7	WASHER, 3/8, Black
5	1719221SM	2	HUB
6	1731892SM	2	PULLEY, Idler, 38 Tooth
7	1960746SM	2	SCREW, Hex Flange Head, 3/8-16 x 2
8	1930601SM	1	CAPSCREW, Hex Head, 5/16-18 x 5/8, Black
9	1666697SM	1	SPACER
10	1928352SM	2	NUT, Hex Flange Whiz Lock, 3/8-16, Black
11	1724625SM	1	BELT, Timming, 38 Tooth
12	1960315SM	1	CARRIAGE BOLT, 3/8-16 x 2, Black
13	1924940SM	6	WASHER, 3/8, Black
14	1725408SM	1	PULLEY, Idler
15	1719746SM	1	BELT, Arbor Drive
16	1667812SM	1	SPACER
17	1724650A	1	PLATE & ROD ASSEMBLY
18	2860681SM	3	NUT, Hex Lock Aluminum Insert, 3/8-16
19	1723952SM	1	PULLEY, Idler
20	1928957SM	1	CAPSCREW, Hex Head, 3/8-16 x 2-3/4, Black
21	1663114SM	2	BUSHING
22	1724646SM	1	ARM ASSEMBLY, w/Bushings & Lube Fitting
23	1667811SM	1	SPACER
24	1657242SM	1	SPACER
25	1922606SM	1	CAPSCREW, Hex Head, 3/8-16 x 1-3/4, GR 8, Black
26	1715435SM	1	SPRING, Extension, 6" Long, Black
27	1921968SM	2	CAPSCREW, Hex Head, 3/8-16 x 1-3/8, Black
28	1732443SM	2	SPACER
29	1722040ASM	1	HITCH ASSEMBLY, 40" Front Cut
30	1919439SM	1	NUT, Hex Flange Lock, 3/8-16, Black

Footnotes

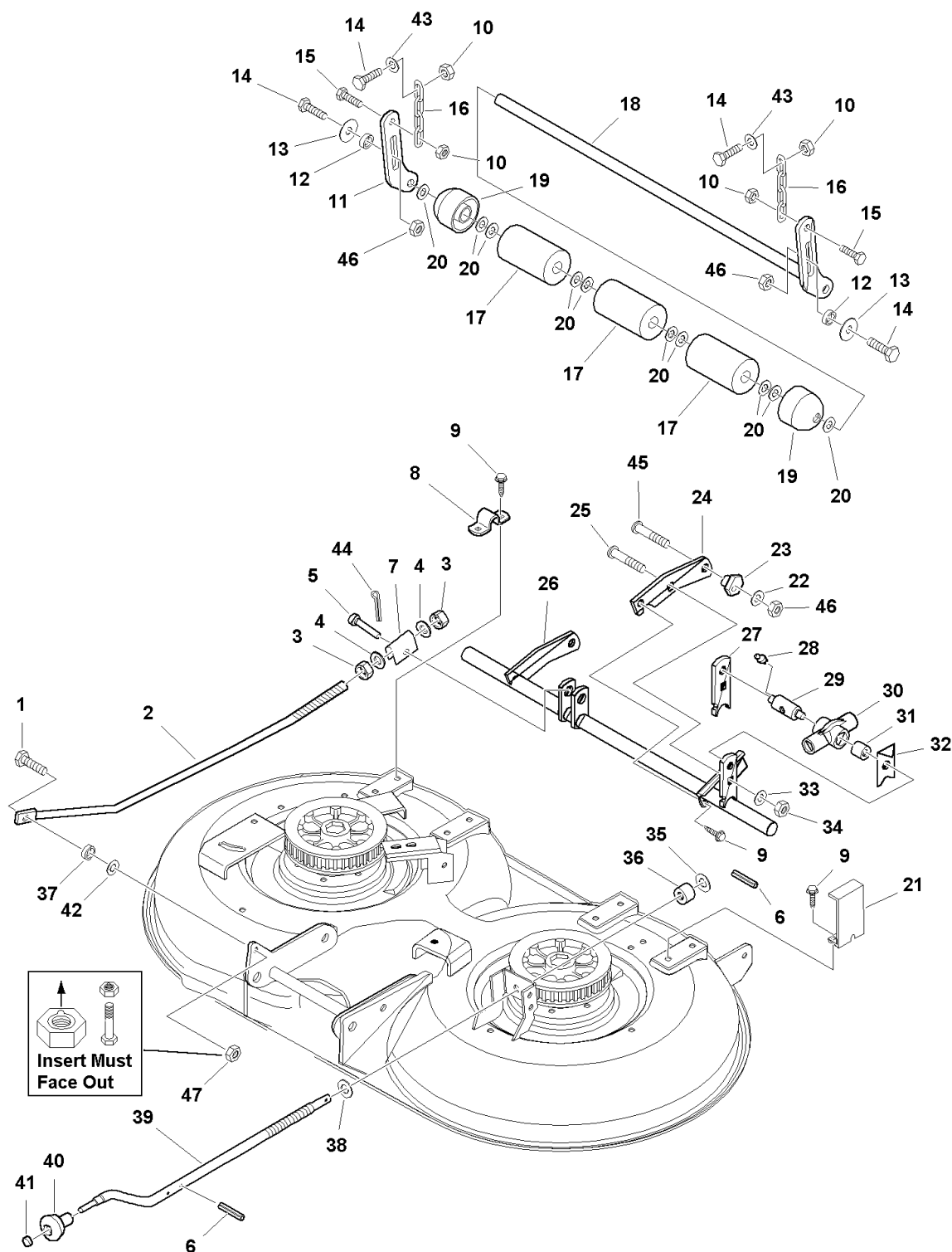
The above parts group applies to the following Mfg. Nos.:

1694345 - 40" Mower
2690070 - 2006 Rapid

40" Mower Deck - Height Adjustment & Roller Bar

985960

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.



The above parts group applies to the following Mfg. Nos.:

1694345 - 40" Mower
2690070 - 2006 Rapid

40" Mower Deck - Height Adjustment & Roller Bar

REF NO	PART NO.	QTY.	DESCRIPTION
1	1922606SM	1	CAPSCREW, Hex Head, 3/8-16 x 1-3/4, GR 8, Black
2	1723900SM	1	ROD & STRAP ASSEMBLY
3	1915726SM	2	NUT, Hex, 5/8-11, Black
4	1924366SM	2	WASHER
5	2118053SM	1	PIN, Round Head, Drilled, 3/8 x 2, Black
6	2816001SM	3	PIN, Spring
7	1706645ASM	1	TRUNNION
8	1665374SM	3	STRAP
9	1664847SM	9	CAPSCREW, Hex Washer Head, Tap Tite, 5/16-18 x 3/4, Black
10	1960339SM	5	NUT, Hex Flange Lock, 3/8-16, Black
11	1723150ASM	1	BAR, Roller
12	1960236SM	2	SPACER
13	1960044SM	2	WASHER, 5/16, Black
14	1921969SM	4	CAPSCREW, Hex Head, 3/8-16 x 1-1/2, Black
15	1921977SM	2	CAPSCREW, Hex Head, 5/16-18 x 1-1/4, Black
16	1669241SM	2	CHAIN, Link, 5-5/8 Long, 4 Links
17	1668513SM	3	ROLLER, 5/8 ID x 2-1/2 OD x 4 Long
18	1722078A	1	SHAFT & BAR ASSEMBLY
19	1717675SM	2	ROLLER, 5/8 ID x 2-1/2 OD x 2 Long
20	1924366SM	12	WASHER, 5/8, Black
21	1723148A	1	PLATE, Indicator
22	1924874SM	1	WASHER, 5/16, Black
23	1714879SM	1	CAM, Eccentric
24	1722056SM	1	ARM
25	1960489SM	1	CARRIAGE BOLT, 1/2-13 x 2-1/2, Black
26	1722077SM	1	SHAFT ASSEMBLY, Rocker
27	1722978ASM	1	ARM
28	1704314SM	1	FITTING, Lube
29	1715892SM	1	TRUNNION
30	1716424SM	1	COVER, Rod
31	1679166SM	1	SPACER
32	1723147A	1	POINTER, Height of Cut
33	1916966SM	1	LOCKWASHER, 1/2, Black
34	1916951SM	1	NUT, Hex, 1/2-13, Black
35	2860171SM	1	WASHER, Special, Nylon
36	1715891SM	1	BEARING, Thrust
37	1706644SM	1	SPACER
38	1960035SM	1	WASHER, 5/8, Black
39	1723153SM	1	CRANK, Height of Cut
40	1714084SM	1	KNOB, Spinner
41	1960093SM	1	NUT, Push, 3/8
42	1924940SM	1	WASHER, 3/8, Black

Footnotes

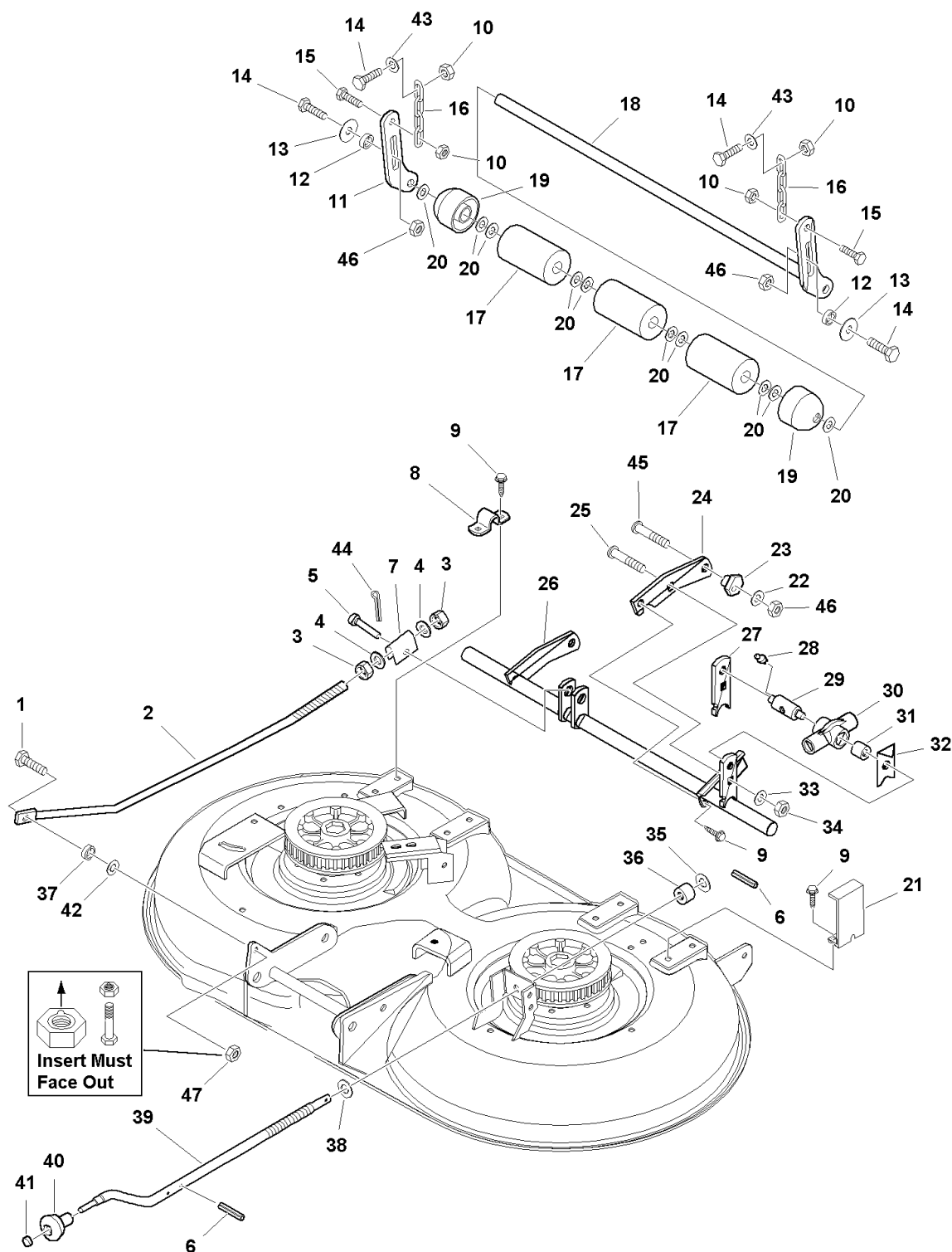
The above parts group applies to the following Mfg. Nos.:

1694345 - 40" Mower
2690070 - 2006 Rapid

40" Mower Deck - Height Adjustment & Roller Bar

985960

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.



The above parts group applies to the following Mfg. Nos.:

1694345 - 40" Mower
2690070 - 2006 Rapid

40" Mower Deck - Height Adjustment & Roller Bar

REF NO	PART NO.	QTY.	DESCRIPTION
45	1960655SM	1	CARRIAGE BOLT, 5/16-18 x 1-1/4
46	2860643SM	3	NUT, Hex Lock, 3/8-16
47	2860681SM	1	NUT, Hex Lock, Aluminum Insert, 3/8-16

Footnotes

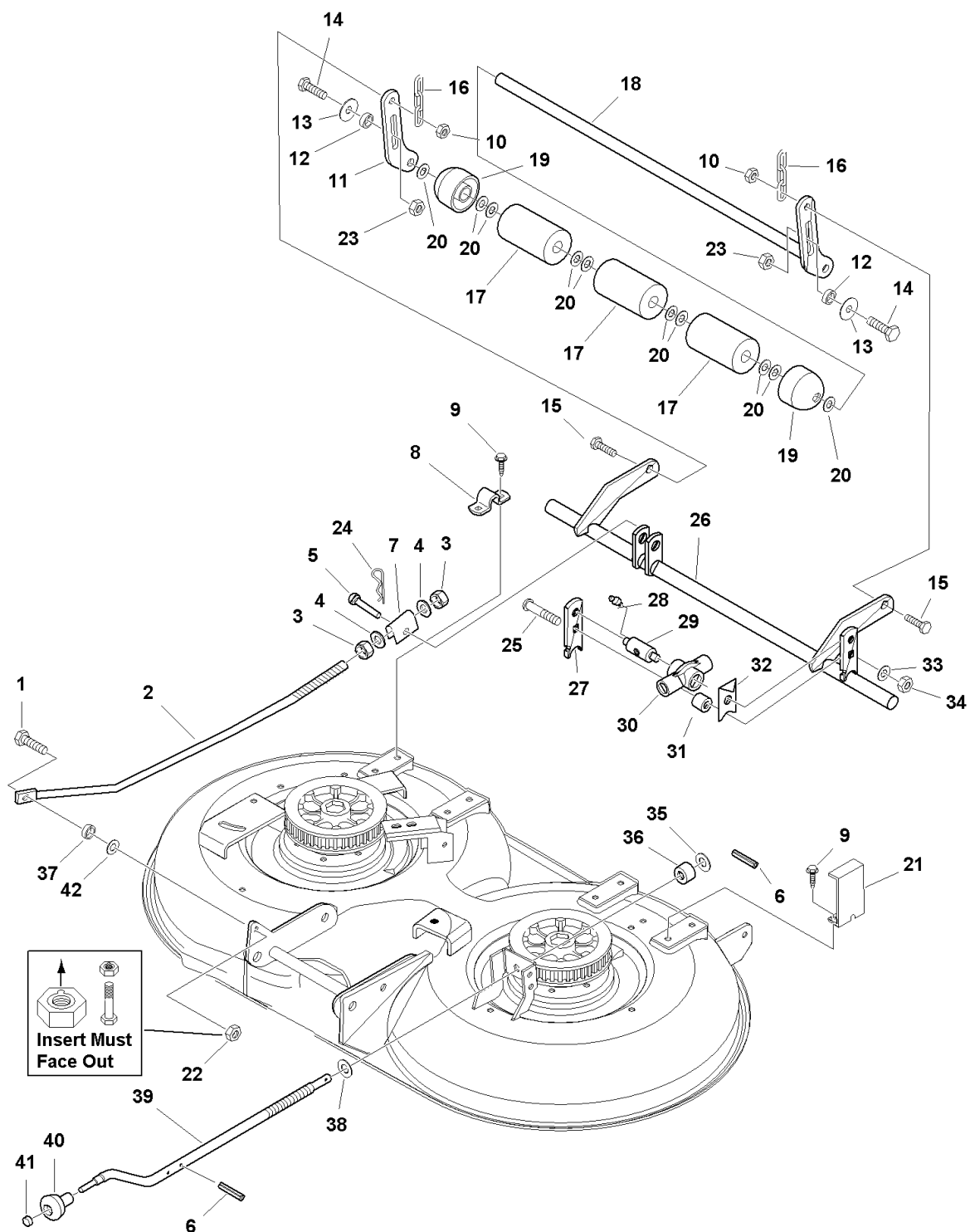
The above parts group applies to the following Mfg. Nos.:

1694345 - 40" Mower
2690070 - 2006 Rapid

40" Mower Deck - Height Adjustment & Roller Bar (Later)

SL985960

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.



The above parts group applies to the following Mfg. Nos.:

1694345 - 40" Mower
2690070 - 2006 Rapid

40" Mower Deck - Height Adjustment & Roller Bar (Later)

REF NO	PART NO.	QTY.	DESCRIPTION
1	1923701SM	1	CAPSCREW, Hex Head, 3/8-16 x 2, GR 8, Black
2	1723900SM	1	ROD & STRAP ASSEMBLY
3	1915726SM	2	NUT, Hex, 5/8-11, Black
4	1924366SM	2	WASHER
5	2118053SM	1	PIN, Round Head, Drilled, 3/8 x 2, Black
6	2816001SM	3	PIN, Spring
7	1706645ASM	1	TRUNNION
8	1665374SM	3	STRAP
9	1664847SM	9	CAPSCREW, Hex Washer Head, Tap Tite, 5/16-18 x 3/4, Black
10	1960339SM	3	NUT, Hex Flange Lock, 3/8-16, Black
11	1723150ASM	1	BAR, Roller
12	1960236SM	2	SPACER
13	1960044SM	2	WASHER, 5/16, Black
14	1921969SM	2	CAPSCREW, Hex Head, 3/8-16 x 1-1/2, Black
15	1921977SM	2	CAPSCREW, Hex Head, 5/16-18 x 1-1/4, Black
16	1656835A	2	CHAIN, Link, 3 Links
17	1668513SM	3	ROLLER, 5/8 ID x 2-1/2 OD x 4 Long
18	1722078A	1	SHAFT & BAR ASSEMBLY
19	1717675SM	2	ROLLER, 5/8 ID x 2-1/2 OD x 2 Long
20	1924366SM	12	WASHER, 5/8, Black
21	1723148A	1	PLATE, Indicator
22	2860681SM	1	NUT, Hex Lock, Aluminum Insert, 3/8-16
23	2860643SM	3	NUT, Hex Lock, 3/8-16
24	1960074SM	1	PIN, Hair
25	1960489SM	1	CARRIAGE BOLT, 1/2-13 x 2-1/2, Black
26	1724970A	1	SHAFT ASSEMBLY, Rocker
27	1722978ASM	1	ARM
28	1704314SM	1	FITTING, Lube
29	1715892SM	1	TRUNNION
30	1716424SM	1	COVER, Rod
31	1679166SM	1	SPACER
32	1723147A	1	POINTER, Height of Cut
33	1916966SM	1	LOCKWASHER, 1/2, Black
34	1916951SM	1	NUT, Hex, 1/2-13, Black
35	2860171SM	1	WASHER, Special, Nylon
36	1715891SM	1	BEARING, Thrust
37	1706644SM	1	SPACER
38	1960035SM	1	WASHER, 5/8, Black
39	1723153SM	1	CRANK, Height of Cut
40	1714084SM	1	KNOB, Spinner
41	1960093SM	1	NUT, Push, 3/8
42	1924940SM	1	WASHER, 3/8, Black

Footnotes

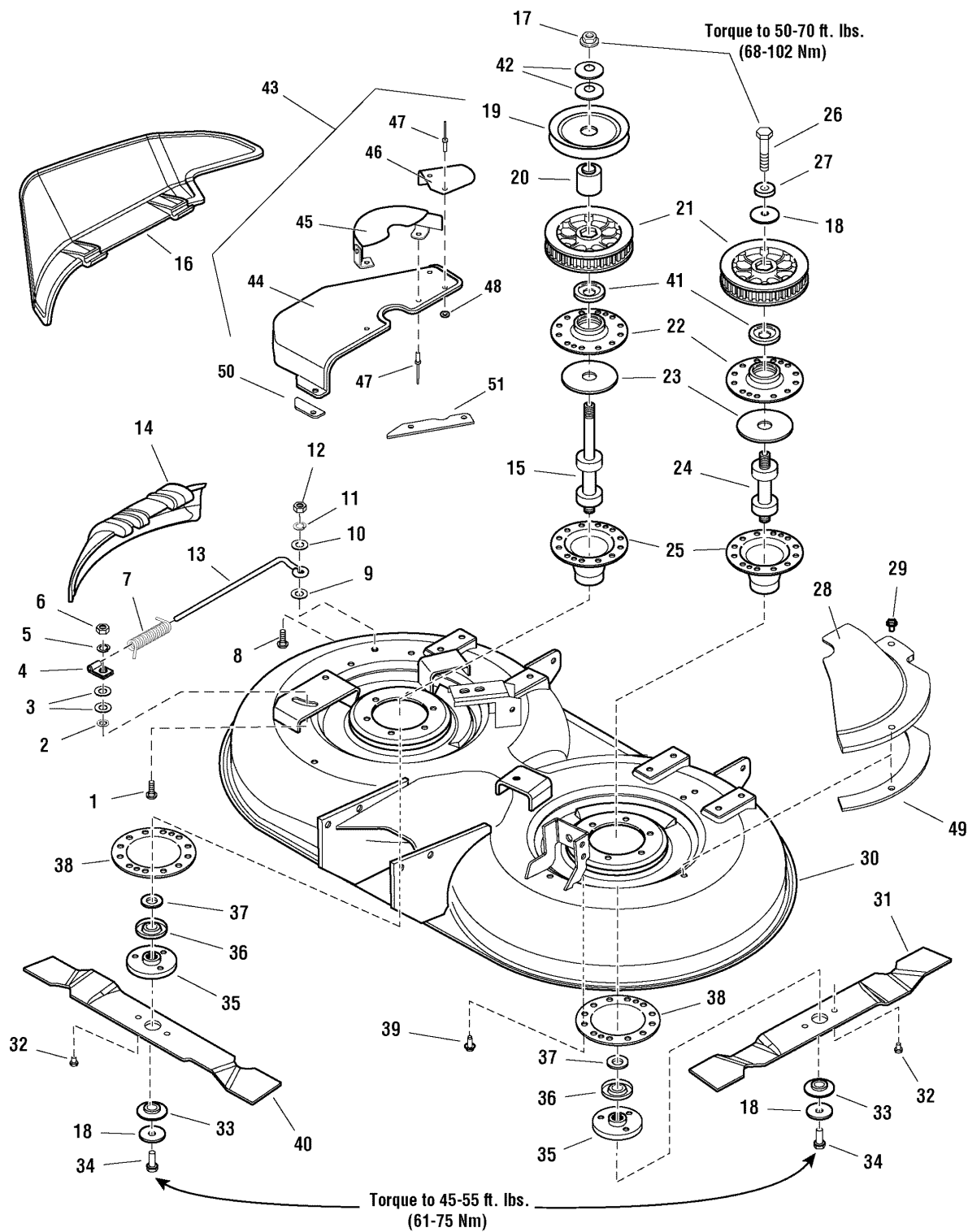
The above parts group applies to the following Mfg. Nos.:

1694345 - 40" Mower
2690070 - 2006 Rapid

40" Mower Deck - Housing, Arbors & Blades

986259

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.



The above parts group applies to the following Mfg. Nos.:

1694345 - 40" Mower
2690070 - 2006 Rapid

40" Mower Deck - Housing, Arbors & Blades

REF NO	PART NO.	QTY.	DESCRIPTION
1	1931318SM	1	CARRIAGE BOLT, 1/4-20 x 7/8, Black
2	1960518SM	1	NUT, Push, 1/4, Black
3	1960353SM	2	WASHER, 1/4, Black
4	1704873SM	1	CLAMP, Wire, Black
5	1916964SM	1	LOCKWASHER, 1/4, Black
6	1916622SM	1	NUT, Hex, 1/4-10, Black
7	1723938SM	1	SPRING, Torsion, Black
8	1931335SM	1	CARRIAGE BOLT, 5/16-18 x 1, Black
9	1933988SM	1	NUT, Push, 5/16, Black
10	1919381SM	1	WASHER, 5/16, Black
11	1917356SM	1	LOCKWASHER, 5/16, Black
12	1917372SM	1	NUT, Hex, 5/16, Black
13	1719617SM	1	ROD
14	1719597SM	1	DOOR, Mulching
15	1726825SM	1	ARBOR SHAFT & BEARING ASSEMBLY
16	1720600SM	1	DEFLECTOR, Discharge
17	1714419SM	1	NUT, Hex Flange, 9/16-18
18	1656916SM	3	WASHER, Spring, 7/16, Black
19	1713091SM	1	PULLEY, 5" OD x 1" ID
20	1719870SM	1	HUB
21	1687229SM	2	SPROCKET & FLANGE ASSEMBLY, 38 Tooth, w/Screws
22	1655729ASM	2	HOUSING, Arbor, Top
23	1707335SM	2	GASKET, Foam
24	1722396SM	1	ARBOR SHAFT & BEARINGS ASSEMBLY
25	1703273ASM	2	HOUSING, Arbor, Bottom, w/Lube Fitting
26	1930584SM	1	CAPSCREW, Hex Head, 7/16-14 x 2-3/4, GR 8, Black
27	1933263SM	1	WASHER, 7/16, Black
28	1724601SM	1	COVER, Arbor, LH, Black
29	1664847SM	6	CAPSCREW, Hex Washer Head, Tap Tite, 5/16-18 x 3/4, Black
30	1686977SM	1	HOUSING ASSEMBLY (Orange)
30	1687315SM	1	HOUSING ASSEMBLY (Red)
31	1719624ASM	1	BLADE, Mower, 20-3/8, LH
32	1722258SM	2	PIN, Blade
33	1722257SM	2	WASHER, Spline
34	2827120SM	2	CAPSCREW, Hex Head, 7/16-14 x 1-1/4, GR 8
35	1655777SM	2	ADAPTER, Blade
36	1700229SM	2	SHIELD, Bearing
37	1700230SM	2	WASHER, Shim, Black
38	1677274ASM	2	ADAPTER, Arbor
39	1960373SM	12	CAPSCREW, Hex Head, 5/16-18 x 1, Black
40	1719623ASM	1	BLADE, Mower, 20-3/8, RH
41	1657969SM	2	SHIELD, Bearing Upper, Arbor

Footnotes

The above parts group applies to the following Mfg. Nos.:

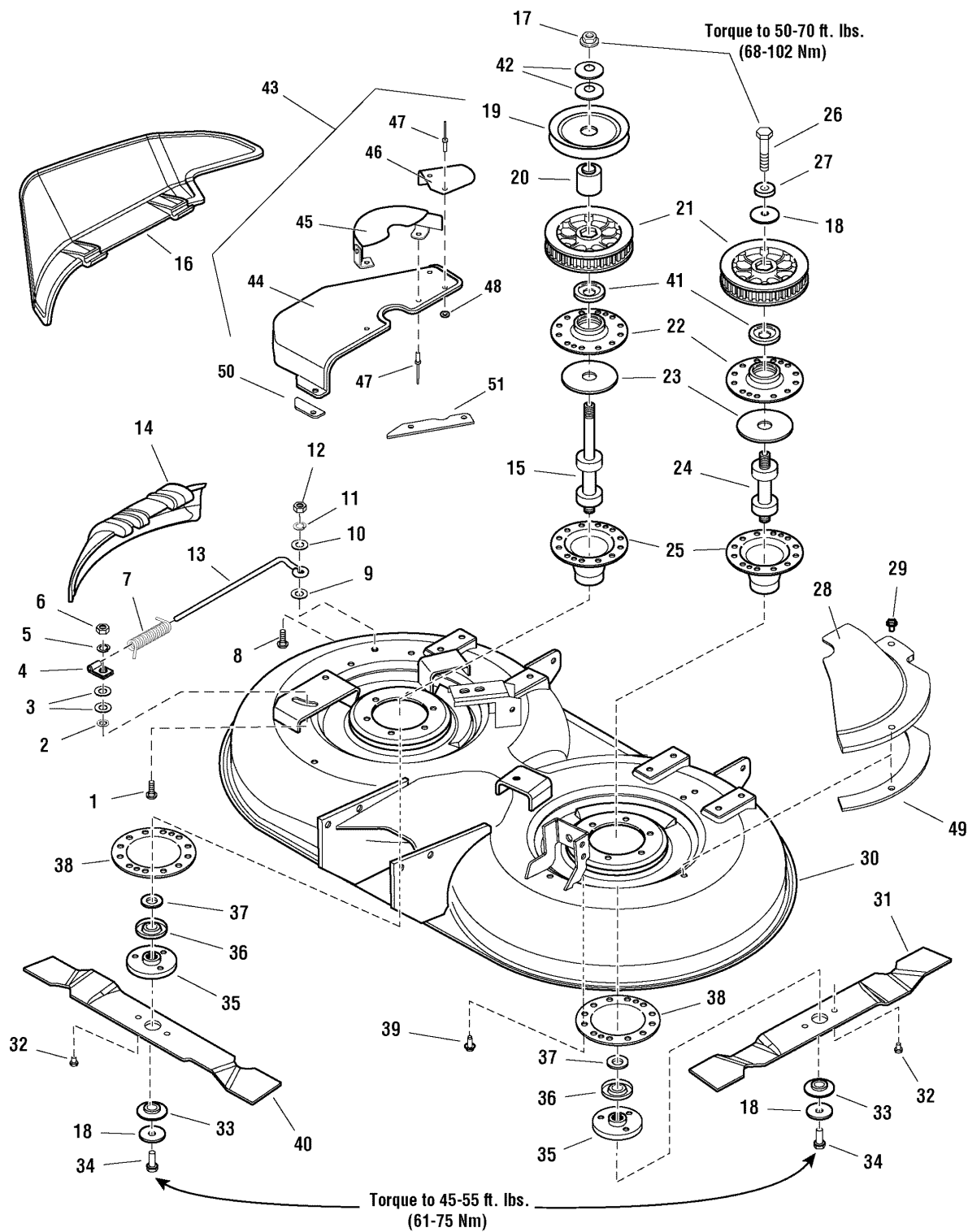
1694345 - 40" Mower

2690070 - 2006 Rapid

40" Mower Deck - Housing, Arbors & Blades

986259

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.



The above parts group applies to the following Mfg. Nos.:

1694345 - 40" Mower
2690070 - 2006 Rapid

40" Mower Deck - Housing, Arbors & Blades

REF NO	PART NO.	QTY.	DESCRIPTION
44	1724600SM	1	COVER, Arbor RH
45	1721259ASM	1	GUARD ASSEMBLY, RH
46	1721132ASM	1	GUARD, Extension
47	1675044SM	1	RIVIT, Pop
48	1960096SM	4	WASHER, 3/16 x 3/4 x 1/16
49	1732964SM	1	SHIM-Cover LH 7GA 40" Mowers
50	1732963SM	1	SHIM-Cover RH 7GA 2.8 LG 40" Mowers
51	1732961SM	1	SHIM-Cover RH 7GA 6.5 LG 40" Mowers

Footnotes

The above parts group applies to the following Mfg. Nos.:

1694345 - 40" Mower

2690070 - 2006 Rapid

Hardware Identification & Torque Specifications

Common Hardware Types

Hex Head Capscrew



Washer



Lockwasher



Carriage Bolt



Hex Nut

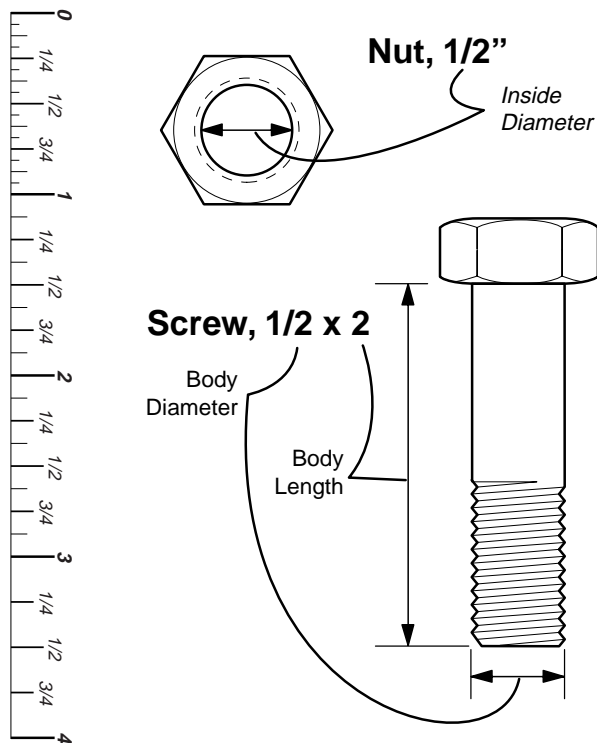


Standard Hardware Sizing

When a washer or nut is identified as **1/2"**, this is the *Nominal size*, meaning the *inside diameter* is 1/2 inch; if a second number is present it represents the *threads per inch*

When bolt or capscrew is identified as **1/2 - 16 x 2"**, this means the *Nominal size*, or *body diameter* is 1/2 inch; the second number represents the *threads per inch* (16 in this example, and the final number is the *body length* of the bolt or screw (in this example 2 inches long).

The guides and ruler furnished below are designed to help you select the appropriate hardware and tools.



Torque Specification Chart

FOR STANDARD MACHINE HARDWARE (Tolerance $\pm 20\%$)

Hardware Grade	No Marks SAE Grade 2		SAE Grade 5		SAE Grade 8	
	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.
8-32	19	2.1	30	3.4	41	4.6
8-36	20	2.3	31	3.5	43	4.9
10-24	27	3.1	43	4.9	60	6.8
10-32	31	3.5	49	5.5	68	7.7
1/4-20	66	7.6	8	10.9	12	16.3
1/4-28	76	8.6	10	13.6	14	19.0
5/16-18	11	15.0	17	23.1	25	34.0
5/16-24	12	16.3	19	25.8	27	34.0
3/8-16	20	27.2	30	40.8	45	61.2
3/8-24	23	31.3	35	47.6	50	68.0
7/16-14	30	40.8	50	68.0	70	95.2
7/16-20	35	47.6	55	74.8	80	108.8
1/2-13	50	68.0	75	102.0	110	149.6
1/2-20	55	74.8	90	122.4	120	163.2
9/16-12	65	88.4	110	149.6	150	204.0
9/16-18	75	102.0	120	163.2	170	231.2
5/8-11	90	122.4	150	204.0	220	299.2
5/8-18	100	136	180	244.8	240	326.4
3/4-10	160	217.6	260	353.6	386	525.0
3/4-16	180	244.8	300	408.0	420	571.2
7/8-9	140	190.4	400	544.0	600	816.0
7/8-14	155	210.8	440	598.4	660	897.6
1-8	220	299.2	580	788.8	900	1,244.0
1-12	240	326.4	640	870.4	1,000	1,360.0

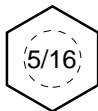
NOTES

- These torque values are to be used for all hardware excluding: locknuts, self-tapping screws, thread forming screws, sheet metal screws and socket head setscrews.
- Recommended seating torque values for locknuts:
 - for prevailing torque locknuts - use 65% of grade 5 torques.
 - for flange whizlock nuts and screws - use 135% of grade 5 torques.
- Unless otherwise noted on assembly drawings, all torque values must meet this specification.

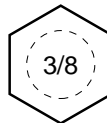
Wrench & Fastener Size Guide



1/4" Bolt or Nut
Wrench—7/16"



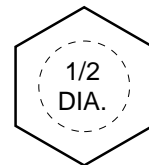
5/16" Bolt or Nut
Wrench—1/2"



3/8" Bolt or Nut
Wrench—9/16"



7/16" Bolt or Nut
Wrench (Bolt)—5/8"
Wrench (Nut)—11/16"



1/2" Bolt or Nut
Wrench—3/4"

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